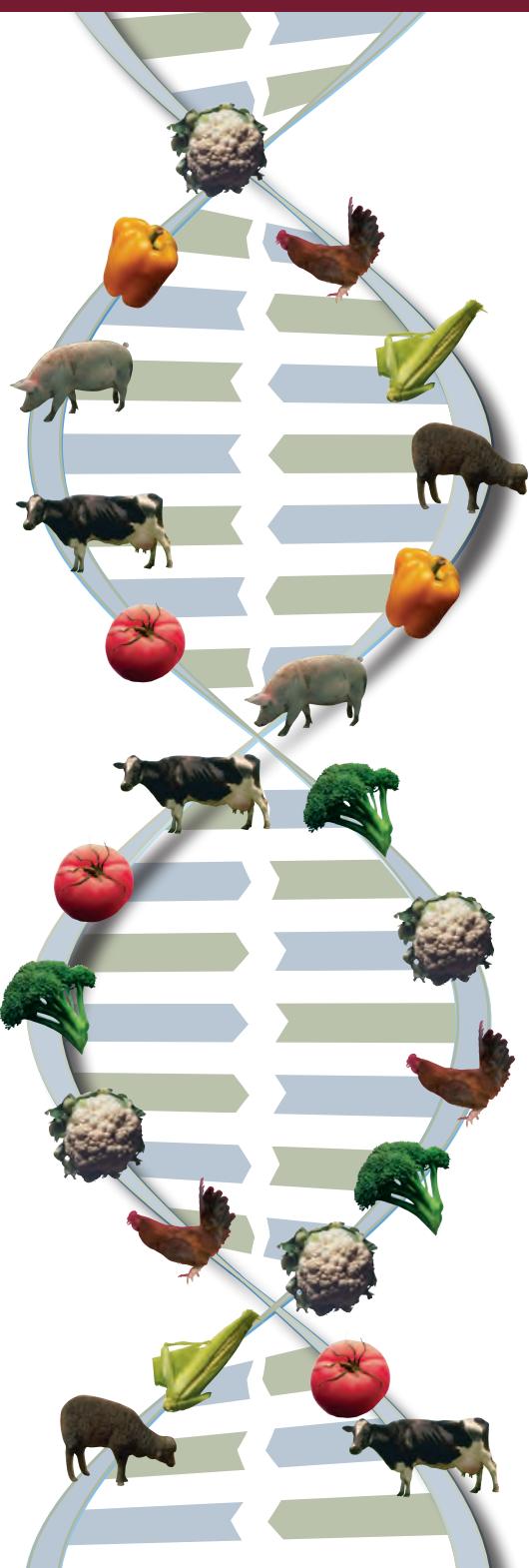


January 14-18, 2017
Town & Country Hotel
San Diego, CA

PLANT & ANIMAL GENOME XXV

THE INTERNATIONAL CONFERENCE ON THE STATUS OF PLANT & ANIMAL GENOME RESEARCH

FINAL PROGRAM & EXHIBIT GUIDE



Organizing Committee

Chairman: Stephen R. Heller, NIST (USA)

► PLANT CO-ORGANIZERS

Catherine Feuillet, Bayer CropScience, USA
Perry Gustafson, University of Missouri, USA,
and University of Nottingham, UK
Jerome P. Miksche, Emeritus Director,
USDA, Plant Genome Program, USA
Graham Moore, John Innes Centre, UK
Brian Smith-White, NIH/NLM/NCBI, USA
Susan R. Wessler, University of California,
Riverside, USA
Rod A. Wing, University of Arizona, USA,
and International Rice Research
Institute, Philippines

► ANIMAL CO-ORGANIZERS

Kwan-Suk Kim, Chungbuk National
University, South Korea
Juan F. Medrano, University of California,
Davis, USA
Monica Munoz-Torres, Lawrence Berkeley
National Laboratory, USA
Huaijun Zhou, University of California, Davis,
USA

► ABSTRACT & WEBSITE COORDINATORS

David Grant, USDA/ARS/CICGR, USA
Gerard Lazo, USDA/ARS/WRRC, USA
Victoria Carollo Blake, USA

► TRAVEL GRANTS COORDINATOR

Alison L. Van Eenennaam, University of
California Davis, USA
Tom Blake, Montana State University
(Retired), USA

► SPECIAL DUTY COORDINATORS

Hans Cheng, USDA/ARS, USA
Max Rothschild, Iowa State University, USA

Sponsors and Supporters

- USDA, Agricultural Research Service
- USDA, National Agricultural Library
- USDA, National Institute of Food and Agriculture
- John Innes Centre

Cover artwork provided by Applied Biosystems. Originally developed for the company's "Genetic Harvest" Agriculture Seminars, this image represents the importance of molecular genetic approaches in plant and animal research.

ORGANIZER

Scherago International
101 Hudson Street
Suite 2100
Jersey City, NJ 07302
Phone: (201) 653-4777
Fax: (201) 653-5705
Email: pag@scherago.com
Website: www.intlpag.org



Limagrain, a key player in field seeds and vegetable seeds research

- **4th largest seed company worldwide**
- **14.6% of sales** dedicated to research
- **20%** of our headcount involved in research
- Close to **130 research stations and centers** in the world
- Close to **300 varieties created** and brought to market every year

Limagrain is an international cooperative group created and directed by French farmers.

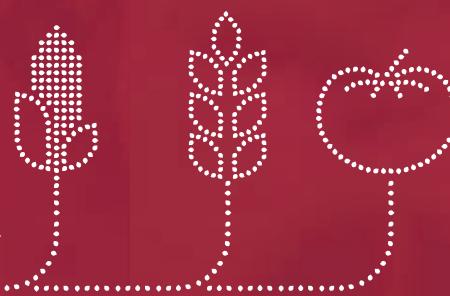


Table of Contents

| | |
|--|----------------|
| Registration and Meeting Schedule | 2 |
| Meeting Schedule Table | 3 |
| PAG Mobile App | 4 |
| Plenary Talks Schedule | 5 |
| Computer Demos Schedule | 6-9 |
| Industry Workshops Schedule | 10 |
| Workshop List by Name | 11-14 |
| Scientific Program: | |
| Saturday | 15-48 |
| Sunday | 49-78 |
| Monday | 79-94 |
| Tuesday | 95-118 |
| Wednesday | 119-125 |
| Future Dates | 126 |
| Corporate Sponsors | 127 |
| Acknowledgements | 128 |
| Travel Grant Awards | 129-131 |
| Exhibitor Descriptions | 132-141 |
| Author Index | 142-178 |
| Exhibit Hall Floorplan | 179 |
| Lower Level Poster Floorplan | 180 |
| Notes | 181-183 |
| Hotel Property Map | 184 |

Mark Your Calendar For:

PAG Asia 2017 – May 29-31, 2017 – Seoul, South Korea

PAG XXVI – January 13-17, 2018 – San Diego, CA

Plant & Animal Genome XXV

Registration & Meeting Schedule

Registration - ATLAS FOYER

| | | |
|-------------------|---------------|------------------|
| Friday | January 13 | 12:00pm - 9:00pm |
| Saturday - Sunday | January 14-15 | 7:00am - 8:00pm |
| Monday | January 16 | 7:00am - 5:00pm |
| Tuesday | January 17 | 7:00am - 3:00pm |
| Wednesday | January 18 | 7:00am - 12:00pm |

Plenary Session - ATLAS BALLROOM

| | | |
|-------------------|---------------|------------------|
| Sunday | January 15 | 6:15pm - 7:00pm |
| Monday | January 16 | 8:00am - 10:00am |
| Tuesday-Wednesday | January 17-18 | 8:00am - 9:30am |

Poster Access Hours – GRAND EXHIBIT HALL & LOWER LEVEL

| | | |
|-----------|------------|------------------|
| Saturday | January 14 | 7:00am - 9:00pm |
| Sunday | January 15 | 7:00am - 9:00pm |
| Monday | January 16 | 7:00am - 9:00pm |
| Tuesday | January 17 | 7:00am - 3:00pm |
| Wednesday | January 18 | 7:00am - 12:00pm |

ALL POSTERS MUST BE REMOVED BY 12:00PM WEDNESDAY, JANUARY 18.

Speaker Ready Room – TERRACE SALON 2

| | | |
|--------------------|---------------|------------------|
| Friday | January 13 | 12:00pm - 8:00pm |
| Saturday - Tuesday | January 14-17 | 7:00am - 8:00pm |
| Wednesday | January 18 | 7:00am - 12:00pm |

Poster Sessions - GRAND EXHIBIT HALL & LOWER LEVEL

| | | |
|-----------------------|------------|-------------------|
| Monday (Even Numbers) | January 16 | 10:00am - 11:30am |
| Monday (Odd Numbers) | January 16 | 3:00pm - 4:30pm |

Exhibit Hours - GRAND EXHIBIT HALL

| | | |
|---------|-----------------------------------|-----------------|
| Sunday | January 15 (Reception: 7:00-8:30) | 3:00pm - 8:30pm |
| Monday | January 16 | 9:30am - 5:00pm |
| Tuesday | January 17 | 9:30am - 3:00pm |

Computer Room - CALIFORNIA

| | | |
|--------------------|---------------|-------------------|
| Friday | January 13 | 12:00pm - 10:00pm |
| Saturday - Tuesday | January 14-17 | 6:00am - 10:00pm |
| Wednesday | January 18 | 6:00am - 3:00pm |

Computer Demonstrations: Computer system demonstrations will be conducted Sunday - Wednesday in the "computer room", located in the California Room, see Computer Demo schedule for times.

Welcome Reception - GRAND EXHIBIT HALL & LOWER LEVEL

| | | |
|--------|------------|-----------------|
| Sunday | January 15 | 7:00pm - 8:30pm |
|--------|------------|-----------------|

Closing Banquet Dinner – GRAND EXHIBIT HALL

| | | |
|-----------|------------|------------------|
| Wednesday | January 18 | 7:00pm - 12:00am |
|-----------|------------|------------------|

Meeting Schedule Table

| | Friday January 13 | Saturday January 14 | Sunday January 15 | Monday January 16 | Tuesday January 17 | Wednesday January 18 |
|--|----------------------|---------------------------|--------------------------------------|------------------------------|-----------------------------|-----------------------------|
| Poster Session Access | | 7:00-9:00 | 7:00-9:00 | 7:00-9:00 | 7:00-3:00 | 7:00-2:00 |
| Registration (Atlas Foyer) | 12:00-9:00 | 7:00-8:00 | 7:00-8:00 | 7:00-5:00 | 7:00-3:00 | 7:00-12:00 |
| Continental Breakfast (Golden Ballroom) | | 7:00-8:00 | 7:00-8:00 | 7:00-8:00 | 7:00-8:00 | 7:00-8:00 |
| Workshops | | 8:00-10:10 | 8:00-10:10 | | | |
| Plenary Lectures (Town & Country) | | | | 8:00-10:00 DuPont Pioneer | 8:00-9:30 DuPont Pioneer | 8:00-9:30 DuPont Pioneer |
| Exhibits | | | | 9:30-5:00 | 9:30-3:00 | Closed |
| Coffee Break | | 9:30-10:30 Atlas Foyer | 9:30-10:30 Atlas Foyer | 9:30-11:30 Exhibit Hall | 9:30-10:30 Exhibit Hall | 9:30-10:30 Atlas Foyer |
| Poster Session (Grand Exhibit Hall) | | | | 10:00-11:30 Even Numbers | | |
| Workshops | | 10:20-12:30 | 10:20-12:30 | | 10:20-12:30 | 10:20-5:00 |
| Computer Demos (California Room) | | | | | 10:30-12:40 | |
| Lunch (Lion Fountain Courtyard & Grand Exhibit Hall) | | 12:30-1:30 | 12:30-1:30 | 12:00-12:50 | 12:30-1:30 | 12:30-1:30 |
| Workshops | | 1:30-3:40 | 1:30-3:40 | 12:50-3:00 | 1:30-3:40 | |
| Computer Demos (California Room) | | 1:30-3:50 | | 12:50-3:00 | | |
| Exhibits | | | 3:00-8:30 Reception: 7:00-8:30 | | | |
| Coffee Break | | 3:00-4:00 Atlas Foyer | 3:00-4:00 Atlas Foyer | 3:00-5:00 Exhibit Hall | 2:00-3:00 Exhibit Hall | |
| Poster Session (Grand Exhibit Hall) | | | | 3:00-4:30 Odd Numbers | | |
| Workshops | | 4:00-6:10 | 4:00-6:10 | 6:10-8:20 | 4:00-6:10 | |
| Plenary Lecture (Town & Country) | | | 6:15-7:00 Pioneer DuPont | | | |
| Welcome Reception (Grand Exhibit Hall) | | | 7:00-8:30 | | | |
| Coffee Break | | | | 7:00-7:30 | | |
| Conference Banquet (Grand Exhibit Hall) | | | | | | 7:00-12:00 |

Download the app, and navigate the meeting like a pro!



With the Mobile App, You Can:

- **Stay organized** with up-to-the-minute Exhibitor, Speaker, and Event information
- **Sync** across all your devices
- **Receive** important real-time communications
- **Build a personalized schedule** and bookmark exhibitors you plan to visit
- **Take notes** and download event handouts
- Interactively **locate sessions and rooms** on maps
- **Visit your bookmarked exhibitors** with the Quick Route
- **Find attendees** and connect with your colleagues
- **Stay in-the-know** and join in on social media with #PAGXXV
- **Find San Diego Local Places**
- **And much more!**

SPONSORED BY:

Hewlett Packard
Enterprise



Downloading the App is Easy

SCAN the QR Code at right with any code reader app on your smartphone, or go to www.intlpag.org/mobile



OR, SEARCH the The App Store or Google Play for: "PAG Conferences", and select PAG XXV from within the app



For All Other Device Types

Including BlackBerry, Windows, and web browser-enabled devices

Point your browser to www.intlpag.org/mobile and you will be directed to the proper location for your device.

www.intlpag.org/mobile

Compatibility: Android v4x+ and iOS v7x+



twitter.com/PAGmeeting



facebook.com/intlpag

SCHERAGO
INTERNATIONAL

101 HUDSON STREET, SUITE 2100 • JERSEY CITY, NJ 07302
201-653-4777 • www.scherago.com • www.intlpag.org • pag@scherago.com



Plenary Talks Schedule

Sponsored by: DuPont Pioneer

Sunday, January 15, 2017

- 6:15 pm - 7:00 pm TOWN & COUNTRY BALLROOM**
Scott Hamilton Kennedy, Black Valley Films
"Food and Film: A Search for Nuance in the Struggle
Between Art and Activism"

Monday, January 16, 2017

- 8:00 am - 9:45 am TOWN & COUNTRY BALLROOM**
Clare M. Fraser, University of Maryland School of Medicine
"The Gut Microbiome in Health and Disease"
- 8:45 am - 9:30 am TOWN & COUNTRY BALLROOM**
Rob Martienssen, HHMI-GBMF Cold Spring Harbor Laboratory
"Germline Reprogramming and Epigenetic Inheritance in
Plants: How to Avoid Bad Karma"

Tuesday, January 17, 2017

- 8:00 am - 8:45 am TOWN & COUNTRY BALLROOM**
Alan Cooper, University of Adelaide
"Ancient DNA Records of Genome Evolution"
- 8:45 am - 9:30 am TOWN & COUNTRY BALLROOM**
Seth Bordenstein, Vanderbilt University
"Microbes and the Origin of Animal Species"

Wednesday, January 18, 2017

- 8:00 am - 8:45 am TOWN & COUNTRY BALLROOM**
Rebecca N. Johnson, Australian Museum Research Institute
"Genomics and Wildlife Conservation"
- 8:45 am - 9:30 am TOWN & COUNTRY BALLROOM**
Thomas Mitchell-Olds, Duke University
"Dissecting Genotype-Environment Interactions and Trait
Correlations"

Computer Demos Schedule

Saturday - January 14, 2017

| | |
|------------------------|---|
| 1:30pm - 3:40pm | Computer Demo 1 - CALIFORNIA Organizers: Monica C. Munoz-Torres, Lawrence Berkeley National Laboratory and Brian Smith-White, National Center for Biotechnology Information (NCBI/NLM/NIH) |
| 1:30pm | Pierre Larmande,IRD, UMR DIADE, Institut de Biologie Computationnelle "The Agronomic Linked Data (AgroLD) Project" (C01) |
| 1:45pm | Célia Michotey,INRA - URGI "Forest Tree GnpIS: an Information System Dedicated to Forest Tree Genetics, Genomics and Phenomics" (C02) |
| 2:00pm | Marco Moretto,Fondazione Edmund Mach "Exploring Grapevine Gene Expression Patterns with Vespucci." (C03) |
| 2:15pm | Carol Lushbough,University of South Dakota "Bio -TDS : BioQuery Tool Discovery System" (C04) |
| 2:30pm | Damien Leroux,MIAT, Institut National de la Recherche Agronomique "Spell-QTL, a New Tool for QTL Analysis on Modern Datasets" (C05) |
| 2:45pm | Jorge Duitama,Universidad de los Andes "Analysis of Genomic Variability within Inbred Populations with NGSEP" (C06) |
| 3:00pm | Lon Phan,NIH/NLM/NCBI "NCBI Genomic Data Viewer" (C07) |
| 3:15pm | Richard J Challis,Edinburgh University "Easymirror and Easyimport: Set up Your Own Ensembl Site in 2 Hours for Your Favourite Taxa" (C08) |



Monday - January 16, 2017

| | |
|------------------|---|
| 12:50pm - 3:00pm | Computer Demo 2 - CALIFORNIA Organizers: Monica C. Munoz-Torres, Lawrence Berkeley National Laboratory and Brian Smith-White, National Center for Biotechnology Information (NCBI/NLM/NIH) |
| 12:50pm | Kelly Robbins,Cornell University "GOBII: Genomic Open-source Breeding Informatics Initiative " (C09) |
| 1:05pm | Manuel Ruiz,CIRAD, UMR AGAP / CIAT "Gigwa - Genotype Investigator for Genome-Wide Analyses." (C10) |
| 1:20pm | Annemarie Eckes,Earlham Institute "The Brassica Information Portal: Towards Integrating Phenotype and Genotype Data." (C11) |
| 1:35pm | Guillaume Cornut,INRA - URGI "GnpIS-Ephesis, Plant Phenotype Field Experimentations Resources – Data Discovery and Dataset Building Use Cases." (C12) |
| 1:50pm | Richard Michael Bruskiewich,STAR Informatics / Delphinai Corporation "Knowledge.Bio: A Web Application for Collaboratively Building and Exploring Networks of Biological Relationships." (C13) |
| 2:05pm | Clay Birkett,USDA-ARS "The Triticeae Toolbox (T3): Connecting Phenotypes, Genotypes, and Biological Knowledge" (C14) |
| 2:20pm | Matthias Lange,Leibniz Institute of Plant Genetics and Crop Plant Research (IPK) Gatersleben "e!Dal - a Open Source Software to Store, Share and Publish Research Data" (C15) |
| 2:35pm | Jeffrey Grover,University of Arizona "User-Friendly Whole Genome DNA Methylation Analysis With FlowGe" (C16) |

Tuesday - January 17, 2017

| | |
|--------------------------|---|
| 10:30am - 12:40pm | Computer Demo 3 - CALIFORNIA Organizers: Monica C. Munoz-Torres, Lawrence Berkeley National Laboratory and Brian Smith-White, National Center for Biotechnology Information (NCBI/NLM/NIH) |
| 10:30am | Taner Z. Sen,USDA -ARS / GrainGenes "GrainGenes: Supporting the Small Grains Community" (C17) |
| 10:50am | Hiromasa Ono,Database Center for Life Science "RefEx, a Reference Gene Expression Dataset As a Web Tool for the Functional Analysis of Genes." (C18) |
| 11:10am | Sook Jung,Washington State University "Newly Designed Genome Database for Rosaceae (GDR)" (C19) |
| 11:30am | Felipe A. Simão,University of Geneva Medical School & Swiss Institute of Bioinformatics "Quality Assessment Using BUSCO v2" (C20) |
| 11:50am | Peifen Zhang,Carnegie Institution for Science "PMN, A Unified Resource For Plant Metabolism" (C21) |
| 12:10pm | Austin Meier,Oregon State University "Planteome: Reference Ontologies and a Platform for Integrative Plant Genomics" (C22) |

Wednesday - January 18, 2017

| | |
|--------------------------|---|
| 10:30am - 12:40pm | Computer Demo 4 - CALIFORNIA Organizers: Monica C. Munoz-Torres, Lawrence Berkeley National Laboratory and Brian Smith-White, National Center for Biotechnology Information (NCBI/NLM/NIH) |
| 10:30am | Felix Shaw,Earlham Institute "COPO: A Data Stewardship Platform for Plant Scientists" (C23) |
| 10:45am | Prashant S Hosmani,Boyce Thompson Institute "Systems Biology Resources for the Citrusgreening Disease Complex." (C24) |
| 11:00am | Locedie Mansueto,International Rice Research Institute "SNP-Seek Resource for Rice Research" (C25) |
| 11:15am | Ming Chen,University of Tennessee "Elasticsearch Indexing/Search and Expression Data Visualization with Two New Tripal Extension Modules" (C26) |
| 11:30am | Christine Tranchant-Dubreuil,IRD - UMR DIADE "Toggle-3 : A Framework to Build Quickly Pipelines and to Perform Large-Scale NGS Analysis" (C27) |
| 11:45am | Frederic B. Bastian,SIB Swiss Institute of Bioinformatics - University of Lausanne "Bgee: Database and R Package for Retrieving the Preferred Anatomical Expression Localization of a List of Genes, or of a Single Gene, in Animals." (C28) |
| 12:00pm | Hans Vasquez-Gross,University of California Davis "Using the Wheat Tilling Resource to Find Mutations of Interest" (C29) |
| 12:15pm | Reinhard Simon,International Potato Center (CIP) "Using the Public Plant Breeding API (BrAPI) to Access Data from the Statistical Platform R" (C30) |

Industry Workshop Schedule

| | | | |
|--|-----------------|--------------------|-------------------------|
| 10x Genomics | Monday, Jan 16 | 12:50 pm - 3:00 pm | Pacific Salon 1 |
| Addressing the Challenges of Nucleic Acid Extraction, Quantitation and Amplification | Tuesday, Jan 17 | 1:30 pm - 3:40 pm | Golden West |
| AgriPlex Genomics – Bridging the Gap Between Singleplex Screening and High Density Arrays | Monday, Jan 16 | 12:50 pm - 3:00 pm | Sunrise - Meeting House |
| BioNano Genomics Education Workshop: Next-Generation Mapping Reveals Large Structural Variations: So What? | Monday, Jan 16 | 6:10 pm - 8:20 pm | Pacific Salon 3 |
| Computomics - From genomes to insight | Monday, Jan 16 | 6:10 pm - 8:20 pm | Royal Palm Salon 1-2 |
| Doriane Research Software And Consulting: Why build An All-In-One Tool For Collaborative Work | Tuesday, Jan 17 | 4:00 pm - 6:10 pm | Pacific Salon 1 |
| Douglas Scientific - Accelerating Trait Discovery | Monday, Jan 16 | 6:10 pm - 8:20 pm | San Diego |
| Dovetail Genomics - In vitro Proximity Ligation - The Path to Better Genomes | Tuesday, Jan 17 | 1:30 pm - 3:40 pm | Pacific Salon 1 |
| Examples of New NGS-Enabled Plant Research and Opportunities for Global Gen Banking Partnerships | Monday, Jan 16 | 6:10 pm - 8:20 pm | Sunset - Meeting House |
| For Smarter Genomics in Agriculture, Partnering is the Answer | Monday, Jan 16 | 12:50 pm - 3:00 pm | Golden West |
| GeneSeek, A Neogen Company - Genomic Solutions for Agri-Research | Monday, Jan 16 | 12:50 pm - 3:00 pm | Pacific Salon 2 |
| Genestack - Applying High-throughput Bioinformatics Technologies to Crop Reserach | Tuesday, Jan 17 | 1:30 pm - 3:40 pm | Sunset - Meeting House |
| Illumina, Inc. | Tuesday, Jan 17 | 4:00 pm - 6:10 pm | Golden West |
| KeyGene: Expediting Innovation in Agriculture Knowledge Management and Data Integration in Plant Research | Monday, Jan 16 | 12:50 pm - 3:00 pm | Royal Palm Salon 3-4 |
| Kyazma's JoinMap and MapQTL Demonstration | Monday, Jan 16 | 6:10 pm - 8:20 pm | Pacific Salon 2 |
| Lexogen - QuantSeq 3' mRNA-Seq technology as an efficient tool for gene expression profiling | Tuesday, Jan 17 | 1:30 pm - 3:40 pm | Sunrise - Meeting House |
| Metagenomics & more – bioinformatics solutions for plant and animal research | Monday, Jan 16 | 12:50 pm - 3:00 pm | Royal Palm Salon 5-6 |
| MYcroarray - Advances in Target Capture for NGS | Tuesday, Jan 17 | 1:30 pm - 3:40 pm | Royal Palm Salon 1-2 |
| NAPPN - Technologies and Applications in Digital Plant Phenotyping | Tuesday, Jan 17 | 1:30 pm - 3:40 pm | Pacific Salon 2 |
| New England Biolabs - New NEBNext methods to enhance your NGS performance | Monday, Jan 16 | 12:50 pm - 3:00 pm | Royal Palm Salon 1-2 |
| Novogene: Latest NGS Applications in Agricultural Research | Monday, Jan 16 | 6:10 pm - 8:20 pm | Pacific Salon 1 |
| NRGene - From Multiple genome assemblies to accurate pangenome view | Tuesday, Jan 17 | 1:30 pm - 3:40 pm | Golden Ballroom |
| NRGene DeNovoMAGIC 3.0 - Complete assembly & phasing of heterozygote and polyploid genomes | Monday, Jan 16 | 6:10 pm - 8:20 pm | Golden Ballroom |
| NuGEN - Trait to Table: NGS Solutions to Advance Agrigenomics | Tuesday, Jan 17 | 1:30 pm - 3:40 pm | Royal Palm Salon 5-6 |
| PacBio Workshop: SMRT Sequencing for Complete Genomes | Monday, Jan 16 | 12:50 pm - 3:00 pm | San Diego |
| Translational Agriculture: Opportunities, Technologies and Products | Tuesday, Jan 17 | 1:30 pm - 3:40 pm | Royal Palm Salon 3-4 |

PLANT AND ANIMAL GENOME XXV CONFERENCE

Workshop List - By Name

| | | | | | | |
|------|--|-----------|----------|-----------|---------------------------|-------------------------------|
| 4337 | 10x Genomics | 16-Jan-17 | 12:50 pm | -3:00 pm | Sara Agee Le | Pacific Salon 1 |
| 4161 | Abiotic Stress | 15-Jan-17 | 10:30 am | -12:40 pm | Henry T. Nguyen | Golden Ballroom |
| 4158 | Addressing the Challenges of Nucleic Acid Extraction, | 17-Jan-17 | 1:30 pm | -3:40 pm | Mary Jo Martinson | Golden West |
| 4413 | AgriPlex Genomics | 16-Jan-17 | 12:50 pm | -3:00 pm | Scott Weigel | Sunrise - Meeting House |
| 4162 | Allele Mining | 14-Jan-17 | 1:30 pm | -3:40 pm | Jeremy D. Edwards | Pacific Salon 2 |
| 4163 | Analysis of Complex Genomes | 14-Jan-17 | 1:30 pm | -3:40 pm | Boulos Chalhoub | Golden Ballroom |
| 4164 | Animal Epigenetics | 17-Jan-17 | 1:30 pm | -3:40 pm | Hasan Khatib | San Diego |
| 4165 | <u>Animal Genomics and Adaptation to Climate Change</u> | 18-Jan-17 | 10:30 am | -12:40 pm | Susan J. Lamont | Sunrise - Meeting House |
| 4166 | Aquaculture | 14-Jan-17 | 8:00 am | -6:10 pm | Nathan Campbell | Royal Palm Salon 3-4 |
| 4167 | Arabidopsis Information Portal & Intl Arabidopsis Informatics Consortium | 16-Jan-17 | 12:50 pm | -3:00 pm | Christopher D. Town | Pacific Salon 6-7 (2nd Floor) |
| 4168 | Arthropod Genomics | 14-Jan-17 | 8:00 am | -10:10 am | Lindsey Perkin | Esquire - Meeting House |
| 4169 | Avian Genomics - Going Wild! | 17-Jan-17 | 4:00 pm | -6:10 pm | Robert H. S. Kraus | Towne - Meeting House |
| 4170 | Banana Genomics | 17-Jan-17 | 10:30 am | -12:40 pm | Mathieu Rouard | Pacific Salon 6-7 (2nd Floor) |
| 4172 | Bioenergy Grass Genomics | 14-Jan-17 | 4:00 pm | -6:10 pm | Kankshita Swaminathan | Pacific Salon 2 |
| 4173 | Bioinformatics | 17-Jan-17 | 10:30 am | -12:40 pm | Tatiana Tatusova | Golden West |
| 4140 | BioNano Genomics | 16-Jan-17 | 6:10 pm | -8:20 pm | Gail Lamangan | Pacific Salon 3 |
| 4174 | Brachypodium Genomics | 17-Jan-17 | 10:30 am | -12:40 pm | David F. Garvin | Pacific Salon 2 |
| 4175 | Brassicas | 14-Jan-17 | 10:30 am | -12:40 pm | Ian Bancroft | Pacific Salon 2 |
| 4176 | Buffalo genome | 14-Jan-17 | 10:30 am | -12:40 pm | John Williams | Royal Palm Salon 1-2 |
| 4177 | Cacao Advanced Omics Workshop | 15-Jan-17 | 10:30 am | -12:40 pm | Siela Maximova | Royal Palm Salon 3-4 |
| 4179 | Cassava Genomics | 17-Jan-17 | 4:00 pm | -6:10 pm | Steve Rounseley | Sunrise - Meeting House |
| 4180 | Cat & Dog Workshop | 15-Jan-17 | 10:30 am | -12:40 pm | Barbara Gandolfi | Royal Palm Salon 5-6 |
| 4181 | Cattle/Sheep/Goat 1 | 14-Jan-17 | 1:30 pm | -6:10 pm | Jared E. Decker | San Diego |
| 4182 | Cattle/Sheep/Goat 2 | 15-Jan-17 | 8:00 am | -12:40 pm | Jared E. Decker | San Diego |
| 4183 | Cattle/Swine | 14-Jan-17 | 8:00 am | -12:40 pm | Jared E. Decker | San Diego |
| 4171 | Challenges and Opportunities in Plant Science Data Management - an International Workshop | 14-Jan-17 | 4:00 pm | -6:10 pm | Darwin Campbell | Pacific Salon 4-5 (2nd Floor) |
| 4184 | Citrus Genome | 14-Jan-17 | 1:30 pm | -3:40 pm | Concetta Licciardello | Pacific Salon 6-7 (2nd Floor) |
| 4188 | Coffee Genomics | 15-Jan-17 | 4:00 pm | -6:10 pm | Marcela Yepes | Pacific Salon 3 |
| 4189 | Comparative Genomics | 15-Jan-17 | 8:00 am | -10:10 am | Yong Q. Gu | Golden West |
| 4190 | Components of Apomixis | 17-Jan-17 | 4:00 pm | -6:10 pm | Emidio Albertini | Esquire - Meeting House |
| 4191 | Compositae | 17-Jan-17 | 1:30 pm | -3:40 pm | John M. Burke | Pacific Salon 4-5 (2nd Floor) |
| 4192 | Computational Gene Discovery | 15-Jan-17 | 10:30 am | -12:40 pm | Mark Borodovsky | Pacific Salon 3 |
| | Computer Demo 1 | 14-Jan-17 | 1:30 pm | -3:40 pm | Monica C. Munoz-Torres | California |
| | Computer Demo 2 | 16-Jan-17 | 12:50 pm | -3:00 pm | Monica C. Munoz-Torres | California |
| | Computer Demo 3 | 17-Jan-17 | 10:30 am | -12:40 pm | Monica C. Munoz-Torres | California |
| | Computer Demo 4 | 18-Jan-17 | 10:30 am | -12:40 pm | Monica C. Munoz-Torres | California |
| 4333 | Computomics - From genomes to insight | 16-Jan-17 | 6:10 pm | -8:20 pm | Venkatesh Balakrishnan | Royal Palm Salon 1-2 |
| 4249 | Connecting Crop Phenotype Data | 14-Jan-17 | 10:30 am | -12:40 pm | Clay Birkett | Golden Ballroom |
| 4193 | Cool Season Legumes | 14-Jan-17 | 1:30 pm | -3:40 pm | Kirstin Bett | Pacific Salon 1 |
| 4320 | Crop Evolution Genomics & Future Agricultural Productivity | 14-Jan-17 | 1:30 pm | -3:40 pm | Shahal Abbo | Esquire - Meeting House |
| 4194 | Crop Genomics for Global Food Security | 17-Jan-17 | 4:00 pm | -6:10 pm | Antonio Costa De Oliveira | Golden Ballroom |
| 4195 | CSSA: Translational Genomics | 14-Jan-17 | 8:00 am | -10:10 am | Robert M. Stupar | Pacific Salon 1 |
| 4196 | Cucurbit Genomics | 15-Jan-17 | 4:00 pm | -6:10 pm | Yaakov (Kobi) Tadmor | Pacific Salon 4-5 (2nd Floor) |
| 4198 | CyVerse - Software, Tools, and Services for Data-Driven Discovery | 16-Jan-17 | 6:10 pm | -8:20 pm | Jason Williams | California |
| 4244 | CyVerse Education: Scaling Genomics and Data Science for the Biology Classroom | 14-Jan-17 | 8:00 am | -10:10 am | Dave Micklos | California |
| 4325 | Data Resource Sustainability and Funding | 18-Jan-17 | 10:30 am | -2:00 pm | Tanya Z. Berardini | Pacific Salon 1 |
| 4199 | Degraded DNA and Paleogenomics | 15-Jan-17 | 1:30 pm | -3:40 pm | Greger Larson | Pacific Salon 3 |
| 4200 | Development and Application of Transgenic Technology in Agriculture | 15-Jan-17 | 8:00 am | -10:10 am | Ashok Shrawat | Royal Palm Salon 3-4 |
| 4317 | DivSeek – Addressing the challenges and opportunities for information and data sharing associated with plant germplasm | 18-Jan-17 | 10:30 am | -12:40 pm | Ruth Bastow | Pacific Salon 2 |
| 4201 | Domestication Genomics | 15-Jan-17 | 4:00 pm | -6:10 pm | Briana L. Gross | Pacific Salon 2 |
| 4403 | Doriane Research Software And Consulting | 17-Jan-17 | 4:00 pm | -6:10 pm | Tristan Dumil | Pacific Salon 1 |
| 4135 | Douglas Scientific - Accelerating Trait Discovery | 16-Jan-17 | 6:10 pm | -8:20 pm | Jill Walerius | San Diego |
| 4143 | Dovetail Genomics - In vitro Proximity Ligation | 17-Jan-17 | 1:30 pm | -3:40 pm | Michelle Vierra | Pacific Salon 1 |
| 4202 | Ecological Genomics | 14-Jan-17 | 10:30 am | -12:40 pm | Katrina Dlugosch | Royal Palm Salon 5-6 |
| 4203 | Engineering NUE | 14-Jan-17 | 10:30 am | -12:40 pm | David A. Lightfoot | Pacific Salon 4-5 (2nd Floor) |
| 4204 | EPIC: the Plant Epigenome Project | 18-Jan-17 | 10:30 am | -12:40 pm | Craig Pikaard | San Diego |
| 4205 | Equine 1 | 14-Jan-17 | 1:30 pm | -6:10 pm | Carrie J. Finno | Royal Palm Salon 5-6 |
| 4206 | Equine 2 | 15-Jan-17 | 8:00 am | -10:10 am | Carrie J. Finno | Royal Palm Salon 5-6 |

| | | | | | | |
|------|--|-----------|----------|-----------|-------------------------|-------------------------------|
| 4207 | Evolution of Genome Size | 14-Jan-17 | 8:00 am | -10:10 am | William S. Sanders | Golden West |
| 4138 | Examples of New NGS-Enabled Plant Research and Opportunities for Global Gen Banking Partnerships | 16-Jan-17 | 6:10 pm | -8:20 pm | Johan Christiaanse | Sunset - Meeting House |
| 4208 | Exploring Phytobiomes | 18-Jan-17 | 10:30 am | -12:40 pm | Kellye Eversole | Royal Palm Salon 3-4 |
| 4322 | Farm Animal Genome Editing | 15-Jan-17 | 4:00 pm | -6:10 pm | C. Bruce Whitelaw | Esquire - Meeting House |
| 4209 | Flax Genomics | 18-Jan-17 | 10:30 am | -12:40 pm | Sylvie Cloutier | Towne - Meeting House |
| 4160 | For Smarter Genomics in Agriculture, Partnering is the Answer | 16-Jan-17 | 12:50 pm | -3:00 pm | Delaney Wermuth | Golden West |
| 4210 | Forage, Feedstocks & Turf | 14-Jan-17 | 8:00 am | -10:10 am | German Spangenberg | Pacific Salon 4-5 (2nd Floor) |
| 4211 | Forest Tree | 15-Jan-17 | 8:00 am | -6:10 pm | Amy Brunner | Sunrise - Meeting House |
| 4212 | Fruit/Nuts | 14-Jan-17 | 8:00 am | -12:40 pm | Veronique Decroocq | Pacific Salon 3 |
| 4213 | Functional Annotations of Animal Genomes (FAANG) | 16-Jan-17 | 6:10 pm | -8:20 pm | Huaijun Zhou | Golden West |
| 4214 | Functional Genomics | 15-Jan-17 | 10:30 am | -12:40 pm | David A. Lightfoot | Pacific Salon 1 |
| 4215 | Functional Genomics of C ₄ and CAM photosynthesis | 14-Jan-17 | 10:30 am | -12:40 pm | Thomas P. Brutnell | Towne - Meeting House |
| 4216 | Fungal Genomics | 15-Jan-17 | 4:00 pm | -6:10 pm | Stephen B. Goodwin | Royal Palm Salon 3-4 |
| 4218 | Gene Expression Analysis | 17-Jan-17 | 4:00 pm | -6:10 pm | David W. Galbraith | Royal Palm Salon 1-2 |
| 4219 | Gene Introgression | 15-Jan-17 | 8:00 am | -10:10 am | Julie King | Pacific Salon 2 |
| 4146 | GeneSeek, A Neogen Company - Genomic Solutions for Agri-Research | 16-Jan-17 | 12:50 pm | -3:00 pm | Jeremy Walker | Pacific Salon 2 |
| 4338 | Genestack - Applying High-throughput Bioinformatics Technologies to Crop Reserach | 17-Jan-17 | 1:30 pm | -3:40 pm | Kalina Cetnar | Sunset - Meeting House |
| 4220 | Genome annotation resources at the EBI | 15-Jan-17 | 8:00 am | -12:40 pm | Sandra Orchard | California |
| 4217 | Genome Annotation with Galaxy | 17-Jan-17 | 4:00 pm | -6:10 pm | Dave Clements | California |
| 4316 | Genome Database for Rosaceae Training | 14-Jan-17 | 4:00 pm | -6:10 pm | Dorrie Main | California |
| 4321 | Genome-wide variation in rhinoceros species for evolutionary and conservation assessments | 17-Jan-17 | 10:30 am | -12:40 pm | Oliver Ryder | Royal Palm Salon 5-6 |
| 4222 | Genomic features and chromosome functionality | 14-Jan-17 | 10:30 am | -12:40 pm | Xiyin Wang | Sunrise - Meeting House |
| 4223 | Genomic Selection and Genome-Wide Association Studies | 14-Jan-17 | 4:00 pm | -6:10 pm | Jianming Yu | Golden West |
| 4224 | Genomics of Genebanks | 14-Jan-17 | 10:30 am | -12:40 pm | Christopher M. Richards | Pacific Salon 1 |
| 4225 | Genomics of Non-Classical Model Animals | 15-Jan-17 | 10:30 am | -12:40 pm | Aaron Avivi | Pacific Salon 4-5 (2nd Floor) |
| 4226 | Genomics of Plant Development | 15-Jan-17 | 4:00 pm | -6:10 pm | Khalid Meksem | Pacific Salon 6-7 (2nd Floor) |
| 4227 | Genomics of Tissue Regeneration in Plants and Animals | 16-Jan-17 | 12:50 pm | -3:00 pm | Moshe Reuveni | Esquire - Meeting House |
| 4228 | Genomics-Assisted Breeding | 17-Jan-17 | 10:30 am | -12:40 pm | Rajeev K Varshney | Town and Country |
| 4229 | GMOD | 18-Jan-17 | 10:30 am | -2:30 pm | Scott Cain | Golden West |
| 4230 | Graft Genetics and Genomics | 15-Jan-17 | 10:30 am | -12:40 pm | Gan-Yuan Zhong | Towne - Meeting House |
| 4231 | Gramene Database: A resource for comparative plant genomics, pathways and phylogenomics analyses | 17-Jan-17 | 1:30 pm | -3:40 pm | Doreen Ware | California |
| 4232 | Grape Genome Initiative | 15-Jan-17 | 1:30 pm | -3:40 pm | Grant R. Cramer | Pacific Salon 6-7 (2nd Floor) |
| 4234 | Grasslands (Lolium Genome Initiative) | 14-Jan-17 | 10:30 am | -12:40 pm | Reed E. Barker | Esquire - Meeting House |
| 4235 | Host-Microbe Interactions | 17-Jan-17 | 4:00 pm | -6:10 pm | Brett Tyler | Sunset - Meeting House |
| 4319 | Hybridization, heterosis and balancing selection | 17-Jan-17 | 10:30 am | -12:40 pm | Eyal Fridman | Sunset - Meeting House |
| 4147 | Illumina, Inc. | 17-Jan-17 | 4:00 pm | -6:10 pm | Lauren Brock | Golden West |
| 4236 | Increasing Genetic Gains for Food Security in the Developing World | 17-Jan-17 | 10:30 am | -1:00 pm | Angela Records | Golden Ballroom |
| 4237 | Integrated Breeding Platform: Tools, Databases and Applications for Plant Breeding | 16-Jan-17 | 12:50 pm | -3:00 pm | Graham McLaren | Golden Ballroom |
| 4238 | International Cotton Genome Initiative (ICGI) | 15-Jan-17 | 4:00 pm | -6:10 pm | John Z. Yu | Sunset - Meeting House |
| 4239 | International Goat Genome Consortium | 16-Jan-17 | 5:00 pm | -8:00 pm | Gwenola Tosser-Klopp | Sunrise - Meeting House |
| 4242 | International Sheep Genomics Consortium | 16-Jan-17 | 11:30 am | -3:00 pm | Noelle Cockett | Towne - Meeting House |
| 4243 | International Wheat Genome Sequencing Consortium (IWGSC) | 14-Jan-17 | 8:00 am | -10:10 am | Kellye Eversole | Town and Country |
| 4221 | Interoperability and Federation Across Bioinformatic Platforms and Resources | 14-Jan-17 | 10:30 am | -12:40 pm | Eric Lyons | California |
| 4241 | IRIC: Rice Informatics for the Global Community | 18-Jan-17 | 10:30 am | -12:40 pm | Kenneth L. McNally | Royal Palm Salon 5-6 |
| 4245 | IWGSC - Standards and Protocols | 17-Jan-17 | 1:30 pm | -6:10 pm | Jane Rogers | Pacific Salon 3 |
| 4246 | JBrowse, a Next Generation Genome Browser | 15-Jan-17 | 1:30 pm | -3:40 pm | Scott Cain | California |
| 4150 | KeyGene: Expediting Innovation in Agriculture | 16-Jan-17 | 12:50 pm | -3:00 pm | Sireen Khan | Royal Palm Salon 3-4 |
| 4335 | Knowledge Management and Data Integration in Plant Research | 16-Jan-17 | 6:10 pm | -8:20 pm | Mercedes Ames Sevillano | Pacific Salon 2 |
| 4151 | Kyazma's JoinMap and MapQTL Demonstration | 16-Jan-17 | 12:50 pm | -3:00 pm | Johan Van Ooijen | Pacific Salon 4-5 (2nd Floor) |
| 4247 | Legumes | 14-Jan-17 | 8:00 am | -10:10 am | Marc Libault | Royal Palm Salon 5-6 |
| 4336 | Lexogen - QuantSeq 3' mRNA-Seq technology as an efficient tool for gene expression profiling | 17-Jan-17 | 1:30 pm | -3:40 pm | Jekaterina Aleksejeva | Sunrise - Meeting House |
| 4248 | Maize | 14-Jan-17 | 1:30 pm | -3:40 pm | Patrick S. Schnable | Golden West |

| | | | | | | |
|------|---|-----------|----------|-----------|------------------------------|-------------------------------|
| 4250 | Mango genomics | 16-Jan-17 | 6:10 pm | -8:30 pm | Amir Sherman | Towne - Meeting House |
| 4159 | Metagenomics & more – bioinformatics solutions for plant and animal research | 16-Jan-17 | 12:50 pm | -3:00 pm | Nonna Druker | Royal Palm Salon 5-6 |
| 4251 | Mutation Screening | 14-Jan-17 | 10:30 am | -12:40 pm | Abdel Bendahmane | Golden West |
| 4153 | MYcroarray - Advances in Target Capture for NGS | 17-Jan-17 | 1:30 pm | -3:40 pm | Alison Devault | Royal Palm Salon 1-2 |
| 4157 | NAPPN - Technologies and Applications in Digital Plant Phenotyping | 17-Jan-17 | 1:30 pm | -3:40 pm | Todd M. DeZwaan, PhD | Pacific Salon 2 |
| 4252 | National Plant Genome Initiative Workshop - Challenges and Opportunities in High-Throughput Phenotyping and Data Management | 15-Jan-17 | 1:30 pm | -3:40 pm | Jack K. Okamuro | San Diego |
| 4253 | NCBI Genome Resources | 16-Jan-17 | 12:50 pm | -3:00 pm | Kim D. Pruitt | Sunset - Meeting House |
| 4254 | New Approaches for Developing Disease Resistance in Cereals | 15-Jan-17 | 8:00 am | -10:10 am | Jesse Poland | Pacific Salon 4-5 (2nd Floor) |
| 4323 | New breeding technologies: Prospects and regulatory hurdles | 15-Jan-17 | 4:00 pm | -6:10 pm | Thorben Sprink | Royal Palm Salon 1-2 |
| 4411 | New England Biolabs - New NEBNext methods to enhance your NGS performance | 16-Jan-17 | 12:50 pm | -3:00 pm | Kari Goodwin | Royal Palm Salon 1-2 |
| 4255 | Next Generation Genome Annotation and Analysis | 14-Jan-17 | 4:00 pm | -6:10 pm | Carson Holt | Sunrise - Meeting House |
| 4256 | Non-coding RNA | 15-Jan-17 | 1:30 pm | -3:40 pm | Jan Gorodkin | Royal Palm Salon 3-4 |
| 4257 | Non-Seed Plants | 14-Jan-17 | 4:00 pm | -6:10 pm | Stefan A. Rensing | Towne - Meeting House |
| 4395 | NRGene - From Multiple genome assemblies to accurate pangenome view | 17-Jan-17 | 1:30 pm | -3:40 pm | Moran Ofer | Golden Ballroom |
| 4155 | NRGene DeNovoMAGIC 3.0 - Complete assembly & phasing of heterozygote and polyploid genomes | 16-Jan-17 | 6:10 pm | -8:20 pm | Moran Ofer | Golden Ballroom |
| 4258 | NRSP-8 Animal Genome | 15-Jan-17 | 1:30 pm | -6:10 pm | Huaijun Zhou | Golden West |
| 4331 | NuGEN - Trait to Table: NGS Solutions to Advance Agrigenomics | 17-Jan-17 | 1:30 pm | -3:40 pm | Kate Karfilis | Royal Palm Salon 5-6 |
| 4259 | Oats | 14-Jan-17 | 4:00 pm | -6:10 pm | Eric N. Jellen | Pacific Salon 6-7 (2nd Floor) |
| 4261 | Organellar Genetics | 15-Jan-17 | 10:30 am | -12:40 pm | Michael J. Havey | Pacific Salon 6-7 (2nd Floor) |
| 4262 | Ornamentals | 15-Jan-17 | 1:30 pm | -3:40 pm | Mohammed Bendahmane | Esquire - Meeting House |
| 4156 | PacBio Workshop: SMRT Sequencing for Complete Genomes | 16-Jan-17 | 12:50 pm | -3:00 pm | Donal Murphy | San Diego |
| 4263 | Palm Genetics and Genomics | 15-Jan-17 | 1:30 pm | -3:40 pm | Frederique Aberlenc-Bertossi | Towne - Meeting House |
| 4264 | Perennial Grasses | 17-Jan-17 | 4:00 pm | -6:10 pm | Malay C. Saha | Pacific Salon 2 |
| 4197 | Planning, Executing and Cultivating Broader Impact Programs: Tools, Communities | 17-Jan-17 | 10:30 am | -12:40 pm | Michael D. Gonzales | Esquire - Meeting House |
| 4265 | Plant Chromosome Biology | 15-Jan-17 | 10:30 am | -12:40 pm | Fangpu Han | Pacific Salon 1 |
| 4266 | Plant Cytogenetics | 15-Jan-17 | 1:30 pm | -3:40 pm | James Higgins | Pacific Salon 4-5 (2nd Floor) |
| 4267 | Plant Dormancy Workshop | 17-Jan-17 | 4:00 pm | -6:10 pm | Anne Fennell | Royal Palm Salon 3-4 |
| 4268 | Plant Genome Engineering | 15-Jan-17 | 1:30 pm | -3:40 pm | Dan Voytas | Town and Country |
| 4269 | Plant Interactions with Pests and Pathogens | 14-Jan-17 | 1:30 pm | -3:40 pm | Christie Williams | Sunrise - Meeting House |
| 4270 | Plant Molecular Breeding | 14-Jan-17 | 1:30 pm | -3:40 pm | Jinguo Hu | Pacific Salon 3 |
| 4271 | Plant Phenotypes | 15-Jan-17 | 8:00 am | -10:10 am | Darwin Campbell | Pacific Salon 3 |
| 4272 | Plant Reproductive Genomics | 15-Jan-17 | 1:30 pm | -3:40 pm | Jim Leebens-Mack | Sunset - Meeting House |
| 4273 | Plant Science at the JGI and KBase | 17-Jan-17 | 4:00 pm | -6:10 pm | Doreen Ware | San Diego |
| 4274 | Plant Transgene Genetics | 16-Jan-17 | 12:50 pm | -3:00 pm | Gan-Yuan Zhong | Town and Country |
| 4275 | Polypliody | 15-Jan-17 | 10:30 am | -12:40 pm | Boulos Chalhoub | Town and Country |
| 4276 | Population and Conservation Genomics 1 | 14-Jan-17 | 4:00 pm | -6:10 pm | Om P. Rajora | Pacific Salon 3 |
| 4394 | Population and Conservation Genomics 2 | 16-Jan-17 | 12:50 pm | -3:00 pm | Om P. Rajora | Pacific Salon 3 |
| 4278 | Poultry 1 | 14-Jan-17 | 8:00 am | -6:10 pm | Huaijun Zhou | Sunset - Meeting House |
| 4279 | Poultry 2 | 15-Jan-17 | 8:00 am | -12:40 pm | Behnam Abasht | Sunset - Meeting House |
| 4280 | Proteomics | 17-Jan-17 | 10:30 am | -12:40 pm | Madan K. Bhattacharyya | Pacific Salon 3 |
| 4281 | QTL Cloning | 15-Jan-17 | 8:00 am | -10:10 am | Roberto Tuberosa | Town and Country |
| 4318 | Quinoa and close relatives | 15-Jan-17 | 10:30 am | -12:40 pm | David E Jarvis | Esquire - Meeting House |
| 4282 | Recombination - mechanisms | 15-Jan-17 | 4:00 pm | -6:10 pm | Wojtek Pawlowski | Pacific Salon 1 |
| 4283 | Resources and Programs for Undergraduate Education in Genomics | 15-Jan-17 | 8:00 am | -10:10 am | Scott T Woody | Towne - Meeting House |
| 4284 | Rice Functional Genomics | 15-Jan-17 | 1:30 pm | -3:40 pm | Mingsheng Chen | Royal Palm Salon 5-6 |
| 4285 | Root Genomics | 17-Jan-17 | 1:30 pm | -3:40 pm | Antonio Costa De Oliveira | Pacific Salon 6-7 (2nd Floor) |
| 4286 | Sequencing Complex Genomes | 15-Jan-17 | 4:00 pm | -6:10 pm | Robert Henry | Golden Ballroom |
| 4287 | Sex Chromosomes and sex determination | 15-Jan-17 | 4:00 pm | -6:10 pm | Abdelhafid Bendahmane | Royal Palm Salon 5-6 |
| 4288 | SGN and RTB Databases: Genomes, Pathways and Breeder Tools. | 17-Jan-17 | 10:30 am | -12:40 pm | Isaak Y. Teclle | Towne - Meeting House |
| 4289 | Small RNA | 14-Jan-17 | 4:00 pm | -6:10 pm | Blake Meyers | Pacific Salon 1 |
| 4290 | Solanaceae | 15-Jan-17 | 8:00 am | -10:10 am | Shelley Jansky | Pacific Salon 1 |
| 4291 | Somatic Genome | 14-Jan-17 | 1:30 pm | -3:40 pm | Xiu-Qing Li | Pacific Salon 4-5 (2nd Floor) |
| 4292 | Sorghum/Millet | 15-Jan-17 | 8:00 am | -10:10 am | Yinghua Huang | Pacific Salon 6-7 (2nd Floor) |
| 4293 | Soybean Genomics | 17-Jan-17 | 10:30 am | -12:40 pm | Suk-Ha Lee | Royal Palm Salon 1-2 |
| 4294 | Speciation Genomics | 14-Jan-17 | 8:00 am | -10:10 am | Michael S. Barker | Towne - Meeting House |
| 4295 | Statistical Genomics | 15-Jan-17 | 10:30 am | -12:40 pm | Zhenyu Jia | Golden West |
| 4296 | Sugar Beet Workshop | 14-Jan-17 | 1:30 pm | -3:40 pm | Imad Eujayl | Towne - Meeting House |

| | | | | | | |
|------|---|-----------|----------|-----------|-----------------------|-------------------------------|
| 4297 | Sugar Cane (ICSB) | 15-Jan-17 | 8:00 am | -12:40 pm | Paul H. Moore | Royal Palm Salon 1-2 |
| 4298 | Sugar Cane Sequencing Initiative | 15-Jan-17 | 1:30 pm | -3:40 pm | Robert Henry | Royal Palm Salon 1-2 |
| 4299 | Sweet Potato and Yam Genomics | 18-Jan-17 | 10:30 am | -2:00 pm | Ranjana Bhattacharjee | Sunset - Meeting House |
| 4300 | Swine | 14-Jan-17 | 1:30 pm | -6:10 pm | Kiho Lee | Royal Palm Salon 1-2 |
| 4301 | Synthetic Biology | 17-Jan-17 | 10:30 am | -12:40 pm | Elibio Rech | Pacific Salon 4-5 (2nd Floor) |
| 4302 | Systems Biology and Ontologies | 14-Jan-17 | 8:00 am | -10:10 am | Sushma Naithani | Pacific Salon 2 |
| 4303 | Systems Genomics | 17-Jan-17 | 10:30 am | -12:40 pm | Hong-Bin Zhang | Sunrise - Meeting House |
| 4304 | Teaching Genetics, Genomics, Biotechnology, and Bioinformatics | 14-Jan-17 | 4:00 pm | -6:10 pm | Abdelmajid Kassem | Esquire - Meeting House |
| 4305 | The Analysis and Role of the Microbiome | 14-Jan-17 | 8:00 am | -10:10 am | Paola Mariani | Sunrise - Meeting House |
| 4306 | The Phytoremediation Genome | 17-Jan-17 | 10:30 am | -12:40 pm | Adel M. Zayed | Pacific Salon 1 |
| 4328 | Translational Agriculture: Opportunities, Technologies and Products | 17-Jan-17 | 1:30 pm | -3:40 pm | Sireen Khan | Royal Palm Salon 3-4 |
| 4308 | Transposable Elements | 15-Jan-17 | 1:30 pm | -3:40 pm | Jianxin Ma | Golden Ballroom |
| 4309 | Tripal Database Network and Initiatives | 15-Jan-17 | 4:00 pm | -6:10 pm | Stephen P. Ficklin | California |
| 4310 | Triticeae Genetics and Genomics, Session 1: Progress in structural and functional genomics | 14-Jan-17 | 10:30 am | -12:40 pm | Justin D. Faris | Town and Country |
| 4311 | Triticeae Genetics and Genomics, Session 2: Trait genetics and gene identification | 14-Jan-17 | 1:30 pm | -3:40 pm | Justin D. Faris | Town and Country |
| 4312 | Triticeae Genetics and Genomics, Session 3: Application of genomic resources to Triticeae improvement | 14-Jan-17 | 4:00 pm | -6:10 pm | Justin D. Faris | Town and Country |
| 4313 | UCSC Genome Browser - a home for all organisms | 18-Jan-17 | 10:30 am | -12:40 pm | Robert Kuhn | Royal Palm Salon 1-2 |
| 4314 | Weedy and Invasive Plant Genomics | 17-Jan-17 | 1:30 pm | -3:40 pm | Patrick Tranel | Towne - Meeting House |

Friday - January 13, 2017

12:00pm - 9:00pm Registration - ATLAS FOYER

Saturday - January 14, 2017

| | |
|-------------------------|--|
| 7:00am - 8:00am | Continental Breakfast - GOLDEN BALLROOM |
| 7:00am - 8:00pm | Registration - ATLAS FOYER |
| 7:00am - 9:00pm | Poster Access - GRAND EXHIBIT HALL |
| 8:00am - 10:10am | Arthropod Genomics - ESQUIRE - MEETING HOUSE Organizers: Joachim Nwezeobi, University of Greenwich and Lindsey Perkin, USDA ARS Center for Grain & Animal Health Research |
| 8:00am | Introductory Remarks |
| 8:05am | Surya Saha,Boyce Thompson Institute "Using Long Reads, Optical Maps and Long-Range Scaffolding to Improve the <i>Diaphorina citri</i> Genome" (W051) |
| 8:25am | Scott Geib,USDA-ARS "Using Sequencing-Based Approaches to Characterize Genetic Sexing Systems in Tephritid Fruit Flies" (W052) |
| 8:45am | Erin D. Scully,USDA-ARS Center for Grain and Animal Health Research "Investigation of Genes Linked to Polyphagy and Xylophagy in Asian Longhorned Beetle (<i>Anoplophora glabripennis</i>) through Comparative Genomics and Transcriptome Profiling" (W053) |
| 9:05am | Marcé D. Lorenzen,North Carolina State University Entomology department "Basic Steps for Developing Genetic Technologies in a Non-Model Organism" (W054) |
| 9:25am | Joanna Chiu,University of California "Delivery of dsRNA Biopesticide Using Engineered Microbes" (W055) |
| 9:45am | Wayne Hunter,USDA Agricultural Research Service "FANA and Morpholino's, Novel Molecules for Gene-Targeting in Plants and Arthropods" (W056) |
| 10:05am | Concluding Remarks |

Saturday - January 14, 2017

| | |
|-------------------------|--|
| 8:00am - 10:10am | Camelids - ROYAL PALM SALON 1-2 Chair: Terje Raudsepp, Texas A&M University Co-Chair: Pamela A. Burger, Research Institute of Wildlife Ecology, Vetmeduni Vienna, Austria |
| 8:00am | Introductory Remarks |
| 8:05am | Heather M. Holl, University of Florida "De novo Assembly of a Dromedary Camel" (W103) |
| 8:20am | Ciani Elena, University of Bari "Aldo Moro" "Genetic Structure of <i>Camelus dromedarius</i> Populations through Genome-Wide RAD Sequencing" (W104) |
| 8:35am | Hussain Mahdi Bahbahani, Kuwait University "Exploring the Full Genome Sequence of Dromedary Camels from the Arabian Peninsula" (W105) |
| 8:50am | Liang Ming, Inner Mongolia Agricultural University "Constructing Genetic Variation Maps in the Bactrian Camel" (W106) |
| 9:05am | Mark F. Richardson, Deakin University "VicPac 3.0: A New and Improved Alpaca Reference Genome" (W107) |
| 9:20am | Felipe Avila, University of Minnesota "Application of Molecular Cytogenetic Tools in Camelids: Characterization of an Autosomal Translocation in an Infertile Llama" (W108) |
| 9:35am | Petr Horin, N/A "The Major Histocompatibility Complex in Old World Camelids" (W109) |
| 9:50am | Panel Discussion; Moderators Pamela Burger, Samantha Brooks, Mark Richardson and Terje Raudsepp; Topics include but are not limited to: - Genome assembly issues: anchoring; other - Genome annotation: inclusion of alpaca and dromedary in FAANG - Phenotype |

Saturday - January 14, 2017

8:00am - 10:10am

CSSA: Translational Genomics - PACIFIC SALON 1

Organizer: Robert M. Stupar, Department of Agronomy and Plant Genetics, University of Minnesota
Co-Chair: David A. Lightfoot, Southern Illinois University

- 8:00am Peggy Ozias-Akins,University of Georgia
"Fertilization-Independent Embryo Development As a Component of Apomixis" (W225)
- 8:20am Sally Mackenzie,University of Nebraska
"Phenotypic Plasticity and Epigenetic Memory Are Associated with Circadian Dysregulation" (W226)
- 8:40am Nigel J. Taylor,Donald Danforth Plant Science Center
"TBD" (W227)
- 9:00am Christopher Dardick,USDA-ARS Appalachian Fruit Research Station
"Translational Genomic Approaches for Genetic Modification of Plant Architecture" (W228)
- 9:20am Gunvant Patil,University of Missouri
"Genomic-Assisted Haplotype Analysis and Trait Discovery in Soybean" (W229)
- 9:40am Sarah D. Turner,University of Wisconsin-Madison
"Insights into the Heritability and Genetic Basis of Carrot Shoot Growth Using Bayesian Diallel Analysis" (W230)

8:00am - 10:10am

Evolution of Genome Size - GOLDEN WEST

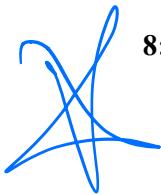
Organizer: William S. Sanders, The Jackson Laboratory

- 8:00am Roy N Platt,Texas Tech University
"Transposable Elements and Their Role in Genome Evolution" (W312)
- 8:25am Adam Session,DOE Joint Genome Institute
"Repetitive Elements Reveal the Evolutionary History of Polyploid Grass Genomes" (W313)
- 8:50am Xianran Li,Iowa State University
"Knowledge Discovery and Data Mining: Dynamics of Genome's Size and Composition" (W314)
- 9:15am Ivan Liachko,Phase Genomics Inc.
"End-to-End Assembly of Genomes of Any Size using *in vivo* Chromatin Proximity Data" (W315)
- 9:40am Daojun Yuan,Brigham Young University
"Transcriptome Comparison Reveals Patterns of Selection in Domesticated and Wild Cotton" (W316)

Saturday - January 14, 2017

| | |
|-------------------------|--|
| 8:00am - 10:10am | Forage, Feedstocks & Turf - PACIFIC SALON 4-5 (2ND FLOOR) Organizers: German Spangenberg, Biosciences Research, DEDJTR and Reed E. Barker, Grass Genomic Testing, Inc. |
| 8:00am | Kirankumar S. Mysore,The Samuel Roberts Noble Foundation "Over-Expression of MYB Transcription Factor Imparts Multi Stress Tolerance in Alfalfa" (W329) |
| 8:20am | Hans Daetwyler,Agriculture Victoria "Exploring the Potential of Polyploid Forages through Computer Simulation" (W330) |
| 8:40am | Elisabeth Veeckman,ILVO Plant Sciences Unit - Growth and Development "Perennial Ryegrass: Unravelling the Structure and Content of a Many-Faced Genome" (W331) |
| 9:00am | David Kopecky,Institute of Experimental Botany "Dynamic Changes in Genomes of Newly Developed Allopolyploid Grasses" (W332) |
| 9:20am | Xiangyu Guo,Aarhus University "Genomic Prediction in Tetraploid Ryegrass" (W333) |
| 9:40am | Rachel F. Begheyn,ETH Zurich "Inheritance Patterns of the Response to <i>in vitro</i> Doubled Haploid Induction in Perennial Ryegrass (<i>Lolium perenne</i> L.)" (W334) |
| 8:00am - 10:10am | International Wheat Genome Sequencing Consortium (IWGSC) - TOWN AND COUNTRY Organizer: Kellye Eversole, IWGSCCo-Chair: Rudi Appels, Murdoch Univ. |
| 8:00am | Nils Stein,Leibniz Institute of Plant Genetics and Crop Plant Research (IPK) "The IWGSC Reference Genome Sequence" (W554) |
| 8:30am | Naeela Qureshi,University of Sydney "Fine Mapping of the Chromosome 5B Region Carrying Closely Linked Rust Resistance Genes <i>Yr47</i> and <i>Lr52</i> in Wheat" (W555) |
| 8:50am | Luigi Cattivelli,CREA Genomics research centre "High Quality Assembly of the Durum Wheat Genome cv. Svevo" (W556) |
| 9:10am | Raj K Pasam,DEDJTR, Biosciences Research, AgriBio "Using Advanced Wheat Genomic Resources and Metabolite Fingerprinting to Address Complex Traits" (W557) |
| 9:30am | Guangyao Zhao,Institute of Crop Sciences, Chinese Acadamy of Agricultural Sciences "The Reference Genomes for <i>Aegilops tauschii</i> (AL8/78), <i>Ae. speltoides</i> (Y2032) and <i>Triticum aestivum</i> (AK58)" (W558) |
| 9:50am | Dr. Gil Ronen,NRGene "From Multi-Genome Assembly to Capturing Full Diversity Using Denovomagic 3.0" (W559) |

Saturday - January 14, 2017



| | |
|-------------------------|--|
| 8:00am - 10:10am | CyVerse Education: Scaling Genomics and Data Science for the Biology Classroom - CALIFORNIA Organizers: Dave Micklos, DNA Learning Center and Jason Williams, Cold Spring Harbor Laboratory |
| 8:00am | Stacia E. Rodenbusch, University of Texas at Austin "The Freshman Research Initiative: Results from a Model Cure" (W237) |
| 8:40am | Oliver Hyman, James Madison University "Large-Scale Implementation of DNA Barcoding in Freshman Biology" (W238) |
| 9:10am | Maria Brown, Sayville High School "Microbiome Studies in the High School Research in Science & Engineering Program: A Primer in Workforce Development" (W239) |
| 9:40am | Joslynn Lee, Cold Spring Harbor Laboratory "Data Science Challenges and Solutions for Student Microbiome Research" (W240) |
| 8:00am - 10:10am | Legumes - ROYAL PALM SALON 5-6 Organizers: Jamie A. O'Rourke, USDA-ARS and Marc Libault, University of Oklahoma |
| 8:00am | Zhenzhen Qiao, University of Oklahoma "-Omic Analysis at the Level of One Single Legume Cell Type to Reveal the Conservation and Divergence of the Regulatory Mechanisms of Gene Transcription" (W585) |
| 8:20am | Robert Schmitz, University of Georgia "Integration of ATAC-seq and DAP-seq Data to Uncover Gene Regulatory Networks in Soybean" (W586) |
| 8:40am | Chantal McCabe, United States Department of Agriculture "Characterization of Resistant and Susceptible Responses to <i>Phialophora gregata</i> in Soybean using RNA-Seq" (W587) |
| 9:00am | Senthil Subramanian, South Dakota State University "Regulation of Local Auxin Metabolism during Soybean Nodule Development" (W588) |
| 9:20am | Josh Clevenger, University of Georgia "Novel Pipelines for Marker Discovery in Allotetraploid <i>Arachis hypogaea</i> Lead to Advances in Peanut Genomics" (W589) |
| 9:40am | K. Peter Pauls, University of Guelph "Applied Bean Genomics - Insights from Genome Mapping, Sequencing and Analysis Relevant to Bean Breeding" (W590) |

Saturday - January 14, 2017

| | |
|-------------------------|--|
| 8:00am - 10:10am | Systems Biology and Ontologies - PACIFIC SALON 2 Organizers: Pankaj Jaiswal, Department of Botany & Plant Pathology, Oregon State University, Laurel Cooper, Department of Botany & Plant Pathology, Oregon State University and Sushma Naithani, Department of Botany & Plant Pathology, Oregon State University |
| 8:00am | Welcoming Remarks |
| 8:03am | Christopher Mungall, Lawrence Berkeley National Laboratory "Phenopackets: An Ontology-Based Expressive Exchange Format for Phenotype and Trait Data" (W929) |
| 8:23am | Thomas Sharpton, Oregon State University "The Gut Metagenome Across Health and Evolution" (W930) |
| 8:43am | Kusum Naithani, University of Arkansas "Use of Mechanistic and Empirical Models of Photosynthesis to Explore Genetic Variation in Rice" (W931) |
| 9:03am | David Hendrix, School of Electrical Engineering and Computer Science, Oregon State University and Dept of Biochemistry and Biophysics, Oregon State University "Identification and Pathway Association of Abiotic Stress-Responsive Long Noncoding RNAs in <i>Populus trichocarpa</i>" (W932) |
| 9:23am | Song Li, Virginia Tech "Integrated Transcriptome and Proteome Analyses Reveal Cell Type-Specific Regulation of Alternative Splicing in <i>Arabidopsis</i>" (W933) |
| 9:43am | Brent Kronmiller, Oregon State University "Draft Genome of the North American Beaver (<i>Castor canadensis</i>). " (W934) |
| 9:58am | Brett Tyler, Oregon State University "Plant Science Research Network's Draft 10 Year Strategic Plan for Plant Science Cyberinfrastructure" (W935) |
| 8:00am - 10:10am | The Analysis and Role of the Microbiome - SUNRISE - MEETING HOUSE Organizer: Paola Mariani, PTP Science Park |
| 8:00am | Introductory Remarks |
| 8:05am | Barbara F. Nowak, University of Tasmania "Investigations of Microbiome in Aquaculture Species" (W946) |
| 8:30am | Charlotte Lindqvist, University at Buffalo "Divergent Gut Microbiomes of Toothed and Baleen Whales" (W947) |
| 8:55am | Suzanne Rowe, AgResearch, Invermay Agricultural Centre "Genomic Host Control of the Rumen Microbiome, Breeding for Optimal Productivity and Low Environmental Impact in Pastoral Livestock Systems" (W948) |

Saturday - January 14, 2017

| | |
|-------------------------|---|
| 9:20am | Alessandra Stella,Fondazione Parco Tecnologico Padano and ADAPTMAP Consortium "Effect of Italian "Grana Padano" Cheese on the Oral Microbiota Composition: A 16S rRNA Metabarcoding Approach" (W949) |
| 9:45am | Mick Watson,The Roslin Institute and R(D)SVS, University of Edinburgh "Comparison of Methods for Functional and Phylogenetic Charactersiation of Rumen Metagenomic Data" (W950) |
| 8:00am - 12:40pm | Cattle/Swine - SAN DIEGO Organizers: Jared E. Decker, Division of Animal Sciences, University of Missouri and Kiho Lee, Virginia Tech |
| 8:00am | Welcoming Remarks |
| 8:10am | Daniela A.L. Lourenco,University of Georgia "How Large-Scale Genomic Evaluations Are Possible: A Look into the Dimensionality of Genomic Information" (W135) |
| 9:05am | Vanmathy Kasimanickam,Washington State University "Genome to Phenome Integration in the Context of Boar Sperm microRNAs" (W136) |
| 10:00am | Break |
| 10:20am | Alan L. Archibald,The Roslin Institute and R(D)SVS, University of Edinburgh "Exploiting Long Read Sequencing Technologies to Establish High Quality Highly Contiguous Pig Reference Genome Assemblies" (W137) |
| 11:15am | Benjamin D. Rosen,ARS, USDA "Updating the Bovine Reference Genome Assembly" (W138) |

Saturday - January 14, 2017

| | |
|-------------------------|---|
| 8:00am - 12:40pm | Fruit/Nuts - PACIFIC SALON 3 Organizer: Veronique Decroocq, UMR BFP1332 - INRA-Universite de Bordeaux |
| 8:00am | Dario Grattapaglia,Embrapa Recursos Genéticos e Biotecnologia and Graduate Program in Genomic Sciences - Catholic University of Brasília "A Chromosome-Scale Assembly of the Cashew Tree Genome: Leveraging the Combined Power of PacBio, DNA-Chromatin Proximity Ligation and SNP Linkage Maps" (W354) |
| 8:19am | Concetta Licciardello,Consiglio per la ricerca in agricoltura e l'analisi dell'economia agraria (CREA) "Evaluation of Variability in the Sweet Orange Germplasm through Next Generation Clonal Fingerprinting" (W355) |
| 8:38am | Na Wei,University of Pittsburgh, Department of Biological Sciences "A Combination of Genetic Mapping and Phylogenetics Untangles the Cryptic Hybrid Origin of a Decaploid Strawberry" (W356) |
| 8:57am | Julie Caruana,University of Maryland "Genomic Analyses Linking Genes and Gene Networks to Fruit Traits in Wild Strawberry" (W357) |
| 9:16am | Robert Schaffer,New Zealand Institute for Plant and Food Research Ltd. "How Much Should We Rely on Computer Annotation for Identifying Genes in New Genomes?" (W358) |
| 9:35am | Dorrie Main,Washington State University "GDR: New Data and New Functionality" (W359) |
| 9:54am | Mareike Knäbel,The New Zealand Institute for Plant & Food Research Limited "Genetics of Red Flesh Colouration in Kiwifruit (<i>Actinidia chinensis</i>)" (W360) |
| 10:13am | Soichiro Nishiyama,Graduate School of Agriculture, Kyoto University "Toward Isolation of a Gene Conferring Astringency Loss in Persimmon Fruit" (W361) |
| 10:32am | Jessica Guseman,USDA-ARS Appalachian Fruit Research Station "DEEPER ROOTING 1 Controls Root Architecture in <i>Arabidopsis</i> and <i>Prunus</i> Species" (W362) |
| 10:51am | Michael Wisniewski,USDA-ARS "Functional Analysis of the CBF Transcription Factor in Apple: A Model for Studying the Interaction Between Cold Hardiness, Dormancy, and Growth" (W363) |
| 11:10am | Ryutaro Tao,Graduate School of Agriculture, Kyoto University "Sex Determination in Oriental Persimmon (<i>Diospyros kaki</i>)" (W364) |
| 11:29am | Andréa M. Almeida,Universidad Andrés Bello, Centro de Biotecnología Vegetal "New Insights in the Epigenetic Regulation of Floral Bud Dormancy and Cold Accumulation in Sweet Cherry (<i>Prunus avium</i>)" (W365) |
| 11:48am | Humberto Prieto,Instituto de Investigaciones Agropecuarias - La Plata Station "Plum Pox Virus and <i>Prunus</i> spp: The Small RNA Talk" (W366) |

Saturday - January 14, 2017

| | |
|-----------------|--|
| 8:00am - 6:10pm | Aquaculture - ROYAL PALM SALON 3-4 Organizer: Nathan Campbell, Columbia River Inter-Tribal Fish Commission |
| 8:00am | Welcoming Remarks |
| 8:05am | Louis Bernatchez,Université Laval "Epigenetics in Salmonids: Impacts of Rearing Environment, Hybridization and Inbreeding " (W026) |
| 8:45am | Tom Goldammer,Leibniz Institute for Farm Animal Biology (FBN) "Genome Biology of Maraena Whitefish (<i>Coregonus maraena</i>, BLOCH, 1779) for Preservation of Baltic Fish Biodiversity" (W027) |
| 9:05am | Rachael Ashby,AgResearch Ltd, Invermay Agricultural Centre and University of Otago, Department of Anatomy "A Genomic Toolbox (genome, transcriptome and GBS) for the New Zealand Greenshell™ Mussel (<i>Perna canaliculus</i>)" (W028) |
| 9:25am | James Kijas,CSIRO Agriculture "Genome Sequencing of 20 Tasmanian Atlantic Salmon Used to Characterize Multiple Loci Associated with Sex Determination" (W029) |
| 9:45am | Cristian Araneda,Universidad de Chile, Depto. de Produccion Animal "Development of a Genotyping-in-Thousand By Sequencing (GT-seq) Panel for Traceability in Chilean Blue Mussel" (W030) |
| 10:05am | AM Break |
| 10:20am | Anna K Sonesson,Nofima AS "Using Pooled DNA of a Reference Population in Genomic Selection for a Disease Trait in Atlantic Salmon" |
| 10:40am | Albert Caballero-Solares,Department of Ocean Sciences, Memorial University of Newfoundland "Applying Transcriptomic Profiling to the Formulation of Sustainable Feeds for Atlantic Salmon (<i>Salmo salar</i>)" (W032) |
| 11:00am | Sixin Liu,USDA-ARS-NCCWA "Identification of Commercial Rainbow Trout Strains Using a SNP Panel" (W033) |
| 11:20am | Nawar Al-Janabi,Mississippi State University "The Intestinal Immune Responses of Channel Catfish Against Live-Attenuated <i>Edwardsiella Ictaluri</i> Vaccines" (W034) |
| 11:40am | Daniel Powell,University of the Sunshine Coast "Progress on the Genome Characterisation of the Sydney Rock Oyster (<i>Saccostrea glomerata</i>)" (W035) |
| 12:00pm | Lunch Break |

Saturday - January 14, 2017

| | |
|--------|---|
| 1:10pm | Sigbjørn Lien,Centre of Integrative Genetics (CIGENE), Department of Animal and Aquacultural Sciences, Norwegian University of Life Sciences "Salmonid genomics to advance our understanding of genome evolution, adaptation and the genetic architecture of complex traits" (W036) |
| 1:50pm | Michelle T.T. Crown,Simon Fraser University, Molecular Biology and Biochemistry Department and Fisheries and Oceans Canada, Centre for Aquaculture and Environmental Research "Identification of Genomic Loci Associated with Maturation in Pacific Coho Salmon (<i>Oncorhynchus kisutch</i>)" (W037) |
| 2:10pm | Sylvie M.A. Quiniou,USDA-ARS "Third Generation Sequencing: Unraveling the Genome and the Immunoglobulin Superfamily Genes in Catfish (<i>Ictalurus punctatus</i>)" (W038) |
| 2:30pm | Ross D. Houston,The Roslin Institute and R(D)SVS, University of Edinburgh "Genotype Imputation to Improve the Efficiency of Genomic Selection in Atlantic Salmon" (W039) |
| 2:50pm | PM Break |
| 3:05pm | Yniv Palti,USDA-ARS-NCCWA "GWAS of Bacterial Cold Water Disease Resistance in Rainbow Trout Reveals the Potential for a Combined Approach Between Genomic Selection and Marker Assisted Selection" (W040) |
| 3:25pm | Jacob Seiloe Torgersen,AquaGen "The Genetics of Muscle Color in Atlantic Salmon" (W041) |
| 3:45pm | Matthew A. Conte,University of Maryland "A High Quality Assembly of the Nile Tilapia (<i>Oreochromis niloticus</i>) Genome Provides Insights into the Structure of Two Sex Determination Regions" (W042) |
| 4:05pm | Zihao Yuan,Auburn University; The Fish Molecular Genetics and Biotechnology Laboratory "Comparative Genome Analysis of 52 Fish Species Suggests Differential Associations of Repetitive Elements with Their Living Aquatic Environments" (W043) |
| 4:25pm | Christina C. Yildirimer,Portland State University "Gut Microbiota Diversity of Pre-Smolt Hatchery Steelhead (<i>Oncorhynchus mykiss</i>) Across the Cascade Divide" (W044) |
| 4:45pm | James M. Reecy,Department of Animal Science, Iowa State University "NSRP-8 Bioinformatics Coordinator" (W045) |
| 5:05pm | Business Meeting |
| 5:35pm | Break |
| 6:40pm | Aquaculture Reception and Poster Session |

Saturday - January 14, 2017

| | |
|------------------------|---|
| 8:00am - 6:10pm | Poultry 1 - SUNSET - MEETING HOUSE Organizers: Behnam Abasht, Department of Animal and Food Sciences, University of Delaware and Huaijun Zhou, University of California, Davis |
| 8:00am | Introductory Remarks |
| 8:20am | Carl J. Schmidt,University of Delaware "Systemic Transcriptome Responses to Heat Stress in the Chicken" (W754) |
| 8:40am | Huaijun Zhou,University of California, Davis "Genetic Improvement of Resistance to NDV and Heat Stress in Chickens" (W755) |
| 9:00am | Susan J. Lamont,Iowa State University, Department of Animal Science "Transcriptome Response to Newcastle Disease Virus in Resistant and Susceptible Inbred Chicken Lines" (W756) |
| 9:20am | Jack C.M. Dekkers,Iowa State University, Department of Animal Science "Response to Newcastle Disease Virus in Indigenous Chickens in Africa" (W757) |
| 9:40am | Cobb Travel Award winner |
| 10:00am | AM Break |
| 10:20am | Samuel E. Aggrey,University of Georgia "Gene Expression and Cellular Analyses of Genes in the Protein Biosynthesis Pathway in Meat-Type Chickens Under Heat Stress" (W758) |
| 10:40am | Wayne Kuznel,University of Arkansas "The Neuroendocrine Regulation of Stress in Birds Involves a New Structure Called the Nucleus of the Hippocampal Commissure" (W759) |
| 11:00am | Hans Cheng,USDA, ARS, ADOL and USDA, ARS, ADOL "Characterization of Marek's Disease Tumors for Driver Mutations" (W760) |
| 11:20am | Mary E. Delany,Animal Science, University of California "Host Chromosome Integration Profiles of Marek's Disease (MD) Virus and Vaccine Strains Differ Between MD Resistant and Susceptible Lines of Chicken" (W761) |
| 11:40am | Huanmin Zhang,USDA-ARS, Avian Disease & Oncology Laboratory "NGS Analysis Identified Differentially Expressed Coding and microRNA Genes in ALV-like Spontaneous Tumors Potentially Contributing to Tumorigenicity in Susceptible Chickens" (W762) |
| 12:00pm | Saturday Lunch Break |
| 1:20pm | William Muir,Purdue University "Design and Analysis of Reference Populations to Detect Signatures of Selection from Genomic Data" (W763) |

Saturday - January 14, 2017

| | |
|--------------------------|--|
| 1:40pm | Brynn Voy,University of Tennessee "Programming Reduced Fatness in Broilers" (W764) |
| 2:00pm | Kent M. Reed,University of Minnesota "Temperature Effects on Differential Gene Expression in Turkey Satellite Cells during Proliferation and Differentiation" (W765) |
| 2:20pm | Gale M. Strasburg,Michigan State University "Effect of Embryonic and Post-Hatch Thermal Challenge on Turkey Muscle Development" (W766) |
| 2:40pm | Break |
| 3:20pm | Update on NRSP8 Bioinformatics |
| 3:40pm | Walter Bottje,University of Arkansas "Evidence of Enhanced Energy Production and Transfer, Synthesis of Nucleotides, Ribosome Assembly, and Protein Translation in Breast Muscle in High vs Low Feed Efficiency Pedigree Broiler Males: Hypotheses Worth Pursuing?" (W767) |
| 4:00pm | Eric A. Wong,Virginia Tech "Expression of Nutrient Transporters and Host Defense Peptides in the Intestine and Yolk Sac of Chickens" (W768) |
| 4:20pm | Alia Parveen,University of Arkansas, Cell and Molecular Biology Program "Identification of Copy Number Variations Associated with Ascites Phenotype in Broilers" (W769) |
| 4:40pm | Neal A. Jorgenson Travel Award winner |
| 5:00pm | Students and Postdocs Lightning Talks |
| 9:30am - 10:30am | Coffee Break - ATLAS FOYER |
| 10:30am - 12:40pm | Brassicas - PACIFIC SALON 2 Organizers: Ian Bancroft, Department of Biology, University of York and J. Chris Pires, Division of Biological Sciences, University of Missouri |
| 10:30am | Charlotte Noelle Miller,John Innes Centre "Identification of a Novel Regulator of <i>Brassica napus</i> Seed Development By Associative Transcriptomics" (W086) |
| 10:50am | Michael S. Barker,University of Arizona "Genetic Variation from Ancient Hexaploidy Preferentially Selected during Domestication of <i>Brassica rapa</i> Crops" (W087) |
| 11:10am | Stephen J. Robinson,Agriculture and Agri-Food Canada "Exploring Epigenetic Variation in the Brassicas" (W088) |
| 11:30am | David M Jones,John Innes Centre "Redundancy, Subfunctionalization and Neofunctionalization in the Gene Regulatory Network Underlying Flowering in <i>Brassica napus</i>" (W089) |

Saturday - January 14, 2017

| | |
|--------------------------|--|
| 11:50am | David Edwards,University of Western Australia "The Pangenome of <i>Brassica oleracea</i>" (W090) |
| 12:10pm | Rod Snowdon,Justus Liebig University "Structural Genome Variation and Adaptive Potential in <i>Brassica napus</i>" (W091) |
| 10:30am - 12:40pm | Buffalo genome - ROYAL PALM SALON 1-2 Organizer: John Williams, Davies Research Centre, University of Adelaide Chair: John Williams, Davies Research Centre, Univ. of Adelaide |
| 10:30am | John Williams,Davies Research Centre, University of Adelaide "Introduction" (W092) |
| 10:35am | Richard E. Green,Dovetail Genomics "Improving the Buffalo Genome using Chicago Data" (W093) |
| 11:00am | Rachel Young,The Roslin Institute and R(D)SVS, University of Edinburgh "The Buffalo Expression Atlas" (W094) |
| 11:25am | Jesus Rommel V. Herrera,Philippine Carabao Center "Disequilibrium in the Four Riverine Buffalo Populations in the Philippines" (W095) |
| 11:50am | Nicolò P. P. Macciotta,University of Sassari "Analysis of Genetic Diversity in River Buffalo Populations using a Multivariate Approach" (W096) |
| 12:15pm | Theodore S. Kalbfleisch,University of Louisville "Triallelic SNPs for Estimating Cattle Introgression, Inbreeding and Determining Parentage in North American Yak" (W097) |
| 10:30am - 12:40pm | Ecological Genomics - ROYAL PALM SALON 5-6 Organizers: Katrina Dlugosch, University of Arizona and Nolan Kane, University of Colorado |
| 10:30am | Nolan Kane,University of Colorado "Genetic Regulation and Evolution of Alternative Splicing Changes during Sunflower Domestication" (W277) |
| 10:50am | David L. Des Marais,Harvard University "Topological Features of a Plant Gene Regulatory Network Predict Patterns of Natural Diversity in Environmental Response" (W278) |
| 11:10am | Huey Tyng Lee,University of Queensland "Comparison of Gene Loss and Adaptation Between Two Independent Return to the Sea Events in Seagrasses" (W279) |
| 11:30am | Craig Primmer,University of Turku "The Genetic Architecture of Age at Maturity in Atlantic Salmon: A Large-Effect Locus with Sex Dependent Dominance Reduces Sexual Conflict and Shows Signals of Local Adaptation" (W281) |
| 11:50am | Qingshun Quinn Li,Xiamen University "<i>De novo</i> Transcriptome Analysis of a Cold Tolerant Mangrove, <i>Kandelia obovata</i>" (W282) |

Saturday - January 14, 2017

| | |
|--------------------------|---|
| 10:30am - 12:40pm | Engineering NUE - PACIFIC SALON 4-5 (2ND FLOOR) Organizers: David A. Lightfoot, Southern Illinois University and Ashok Shrawat, Monsanto |
| 10:30am | John Davies,Dow AgroSciences "Nitrogen Use Efficiency Differentially Influences Grain Yield in Old and New Era Maize Hybrids" (W283) |
| 10:50am | Anne Laperche,AGROCAMPUS OUEST "Genetic Basis of Nitrogen Use Efficiency and Yield Stability Across N Conditions in Rapeseed: Combining Quantitative Genetic and Functional Genomic Approaches" (W284) |
| 11:10am | Ling Li,Mississippi State University "The Arabidopsis QQS Orphan Gene Modulates Carbon and Nitrogen Allocation Across Species" (W285) |
| 11:30am | Rodrigo A. Gutiérrez,Pontificia Universidad Católica de Chile "Systems Biology to Identify New Regulators of Nitrogen Use Efficiency in Plants" (W286) |
| 10:30am - 12:40pm | Functional Genomics of C₄ and CAM photosynthesis - TOWNE - MEETING HOUSE Organizers: Thomas P. Brutnell, Donald Danforth Plant Science Center and John C. Cushman, Department of Biochemistry and Molecular Biology, University of Nevada, Reno |
| 10:30am | Carla P. Coelho,Donald Danforth Plant Science Center "Unraveling the Molecular Basis of Kranz Anatomy in C₄ Grasses" (W382) |
| 10:50am | Robert VanBuren,Michigan State University "Genomics of Crassulacean Acid Metabolism (CAM) Species" (W383) |
| 11:10am | Christopher R. Myers,Cornell University "Multiscale Modeling of Metabolism and Its Regulation in C₄ Plants" (W384) |
| 11:30am | Victor A. Albert,University at Buffalo "Using the Genome of the Orchid <i>Erycina pusilla</i> as a Model to Study Crassulacean Acid Metabolism in Monocots" (W385) |
| 11:50am | Andrea Braeutigam,Leibniz-Institut für Pflanzengenetik und Kulturpflanzenforschung (IPK) "Regulation of C₄ Photosynthesis" (W386) |
| 12:10pm | Karolina Heyduk,University of Georgia "Variation in Gene Expression and Regulation of CAM in <i>Yucca</i> (Asparagaceae)" (W387) |

Saturday - January 14, 2017

| | |
|--------------------------|---|
| 10:30am - 12:40pm | Interoperability and Federation Across Bioinformatic Platforms and Resources - CALIFORNIA Organizer: Eric Lyons, University of Arizona; BIO5 Institute; CyVerseCo-Chair: Haibao Tang, University of Arizona |
| 10:30am | Eric Lyons,University of Arizona; BIO5 Institute; CyVerse "Welcome and Introductory Remarks" (W560) |
| 10:40am | Ramona Walls,CyVerse, University of Arizona "Exploring Identifier Services for Large, Distributed Biological Datasets" (W561) |
| 10:55am | Paul J. Kersey,EMBL - The European Bioinformatics Institute "Guiding Users through Diverse, Dispersed Data Ecosystems" (W562) |
| 11:10am | Matthew Vaughn,Texas Advanced Computing Center "TBD" (W563) |
| 11:25am | Bonnie Hurwitz,University of Arizona "iVirus and iMicrobe" (W564) |
| 11:40am | Christopher D. Town,J. Craig Venter Institute "Araport: Baby Steps Towards a Federated Data Portal" (W565) |
| 11:55am | Ethalinda Cannon,Iowa State University "Legume Federation" (W566) |
| 12:10pm | Ian Holmes,Department of Bioengineering "JBrowse" (W567) |
| 10:30am - 12:40pm | Genomic features and chromosome functionality - SUNRISE - MEETING HOUSE Organizers: Xiyin Wang, School of Life Sciences and Xiu-Qing Li, Agriculture and Agri-Food Canada |
| 10:30am | Welcoming Remarks |
| 10:35am | Wei Feng,Carnegie Institution for Science, Department of Plant Biology "Large-Scale Heterochromatin Remodeling Facilitates Overreplicatin-Associated DNA Damage in Plant " (W430) |
| 10:55am | Jinyu Wang,Iowa State University "Genome Divergence Pattern and its Correlation to DNA Repairing Pathway" (W431) |
| 11:15am | Ainong Shi,University of Arkansas "Genetic Diversity and Association Analysis in Spinach" (W432) |
| 11:35am | Rachit Kumar Saxena,ICRISAT "Whole Genome Re-Sequencing of 300 Cajanus Accessions Provides Genome-Wide Variations, Targets for Domestication and Genomic Regions Associated with Agronomic Traits for Pigeonpea Improvement" (W433) |

Saturday - January 14, 2017

| | |
|--------------------------|---|
| 11:55am | Ainong Shi,University of Arkansas "Association Analysis of Seed Antioxidant Content and Aphid Resistance in Cowpea" (W434) |
| 11:46am | Rachit Kumar Saxena,ICRISAT "Whole Genome Re-Sequencing of 300 <i>Cajanus</i> Accessions Provides Targets for Domestication and Genomic Regions Associated with Agronomic Traits" (W435) |
| 12:15pm | Shengyi Liu,Oil Crops Research Institute of CAAS "Asymmetrical Evolution of Polyploid Genomes: The Role of Recombination Linking Genomic Variation to Traits in <i>Brassica napus</i>" (W436) |
| 10:30am - 12:40pm | Genomics of Genebanks - PACIFIC SALON 1 Organizers: Clare Coyne, Washington State University and Christopher M. Richards, USDA ARS National Laboratory for Genetics Resources |
| 10:30am | Adnan Riaz,Queensland Alliance for Agriculture and Food Innovation "Mining Vavilov's Treasure Chest of Wheat Diversity for Resistance to Leaf Rust" (W450) |
| 10:55am | Cécile Berthouly-Salazar,IRD and LMI LAPSE "Investigating Genes Linked to Adaptations in Pearl Millet" (W451) |
| 11:20am | Martin Mascher,Leibniz Institute of Plant Genetics and Crop Plant Research (IPK) "Twenty Thousand Accessions Under Analysis: From Cold Room to GWAS" (W452) |
| 11:45am | Joanne A Labate,USDA ARS "High-Throughput Genotyping of Vegetable Crops for Germplasm Conservation" (W453) |
| 12:10pm | Xiaoqing Yu,Iowa State University "Genomic Prediction Contributing to a Promising Global Strategy to Turbocharge Gene Banks" (W454) |
| 10:30am - 12:40pm | Grasslands (Lolium Genome Initiative) - ESQUIRE - MEETING HOUSE Organizers: Iain Donnison, Institute of Biological, Environmental and Rural Sciences (IBERS), Aberystwyth University and Reed E. Barker, Grass Genomic Testing, Inc. |
| 10:30am | Sai Krishna Aroju,Teagasc, Crop Science Department and Trinity College Dublin "Genomic Prediction of Heading Date and Crown Rust Resistance in Perennial Ryegrass" (W491) |
| 10:50am | Timothy Sykes,ETH Zurich "Identification of Candidate Genes for Fertility Restoration in Cytoplasmic Male Sterile Perennial Ryegrass (<i>Lolium perenne</i> L.)" (W492) |

Saturday - January 14, 2017

| | |
|--------------------------|---|
| 11:10am | Isabel Roldan-Ruiz,ILVO Plant Sciences Unit and Department of Plant Biotechnology and Bioinformatics, Ghent University "Genetic Dissection of Cell Wall Digestibility in Perennial Ryegrass" (W493) |
| 11:30am | Charlotte M Jones,IBERS, Aberystwyth University "Large Scale SNP Analysis Reveals Genomic Diversity within European and Asian Red Clover (<i>Trifolium pratense</i> L.) Germplasm" (W494) |
| 11:50am | Andrew Griffiths,AgResearch, Grasslands Research Centre and Pastoral Genomics c/o AgResearch Grasslands "Developing Genomic Selection in White Clover (<i>Trifolium repens</i> L.)" (W495) |
| 12:10pm | Silvio Salvi,Department of Agricultural Sciences, University of Bologna "Mutagenesis and Genomic Analysis in <i>Arundo donax</i>" (W496) |
| 10:30am - 12:40pm | Connecting Crop Phenotype Data - GOLDEN BALLROOM Organizers: Clay Birkett, USDA-ARS and Jean-Luc Jannink, USDA-ARS |
| 10:30am | Keywan Hassani-Pak,Rothamsted Research "KnetMiner - Interrogate Plant and Animal Knowledge Networks" (W200) |
| 10:50am | Jan Erik Backlund,Integrated Breeding Program "BrAPI, a Standard Interface for Plant Databases" (W201) |
| 11:10am | David Marshall,The James Hutton Institute "Visualizations of Phenotypic and QTL Data" (W202) |
| 11:30am | Ramona Walls,CyVerse "CyVerse Data Commons" (W203) |
| 11:50am | Paul J. Kersey,EMBL - The European Bioinformatics Institute "Transplant Integrated Search using Apache Solr" (W204) |
| 12:10pm | Hadi Quesneville,INRA - URG "WheatIS : A Genetics and Genomics Information System for the Wheat Research Community" (W205) |
| 10:30am - 12:40pm | Mutation Screening - GOLDEN WEST Organizer: Abdel Bendahmane, INRA |
| 10:30am | Robert M. Stupar,Department of Agronomy and Plant Genetics, University of Minnesota "Identification of Functional Variants in Soybean Using Fast Neutron and CRISPR-Based Mutagenesis" (W601) |
| 10:50am | Thomas Jacobs,VIB "High-Throughput CRISPR Vector Construction and Mutant Characterization in Plants" (W602) |
| 11:10am | Norbert Bollier,INRA "CRISPR/Cas9-Mediated Mutagenesis of Floral Termination Genes: A Way to Control Fruit Size" (W603) |

Saturday - January 14, 2017

| | |
|--------------------------|---|
| 11:30am | Naoufal Lakhssassi,Department of Plant Soil and Agricultural Systems, SIUC "Mutational Analysis and <i>in silico</i> Modeling Identify a Novel Molecular Cross-Talk Between SNAP and SHMT in Soybean" (W604) |
| 11:50am | Jinrui Shi,DuPont Pioneer "Novel Genetic Variation Generated By CRISPR-Cas System for Improving Drought Tolerance in Maize" (W605) |
| 12:10pm | Magdy Mahfouz,Biological and Environmental Sciences and Engineering Division "Plant Genome Editing <i>via</i> CRISPR/Cas9" (W606) |
| 12:30pm | Seiichi Toki,National Institute of Agrobiological Sciences "Precision Mutagenesis in Plants <i>via</i> Genome Editing" (W607) |
| 10:30am - 12:40pm | Triticeae Genetics and Genomics, Session 1: Progress in structural and functional genomics - TOWN AND COUNTRY Organizers: Justin D. Faris, USDA-ARS, Gary J. Muehlbauer, Department of Plant and Microbial Biology, University of Minnesota and Michael Bevan, John Innes Centre |
| 10:30am | Eduard Akhunov,Kansas State University, Department of Plant Pathology, Manhattan, KS "Genetic Architecture of Recombination Rate Variation in Wheat Revealed By Analyzing a Nested-Association Mapping Population and Reverse Genetic Screens" (W964) |
| 10:50am | Elodie Rey,Institute of Experimental Botany AS CR "The Impact of Genomic Interactions on Gene Expression in a Wheat-Barley 7HL Addition Line" (W965) |
| 11:10am | Thomas Wicker,Department of Plant and Microbial Biology, University of Zurich "The Repetitive Landscape of the Barley Genome" (W966) |
| 11:30am | Sara G. Milner,IPK Gatersleben "Developing a Toolkit for Barley Genebank Genomics" (W967) |
| 11:50am | Bernardo J. Clavijo,Earlham Institute "From Zero to Many: Assembling Wheat Genomes with w2rap" (W968) |
| 12:30pm - 1:30pm | Lunch (Vouchers Provided) - ROYAL PALM COURT & TIKI PAVILION COURT |

Saturday - January 14, 2017

| | |
|------------------------|---|
| 1:30pm - 3:40pm | Allele Mining - PACIFIC SALON 2 Organizer: Jeremy D. Edwards, USDA-ARS Dale Bumpers National Rice Research Center |
| 1:30pm | David M. Francis, The Ohio State University, Horticulture and Crop Science "Allele Mining: From Sequence Variation to Functional Evaluation in Tomato" (W007) |
| 1:51pm | Aureliano Bombarely, Virginia Polytechnic Institute and State University, Department of Horticulture "Analysis of the <i>Sinningia speciosa</i> Diversity under Domestication" (W008) |
| 1:30pm - 3:40pm | Analysis of Complex Genomes - GOLDEN BALLROOM Organizers: David M. Stelly, Texas A&M University, Hong-Bin Zhang, Department of Soil and Crop Sciences, Texas A&M University and Boulos Chalhoub, UEVE-INRA |
| 1:30pm | Welcoming Remarks |
| 1:35pm | Bhavna Hurgobin, University of Western Australia "Towards a Pangenome for <i>Brassica napus</i> Canola" (W009) |
| 1:55pm | Julia Naumann, Penn State University "Tremendous Transfer – Intracellular and Horizontal Gene Transfer in the Genome of the Basal Angiosperm <i>Amborella trichopoda</i>" (W010) |
| 2:15pm | Jill Herschleb, 10x Genomics Inc. "Deciphering Complex Structural Variation with Linked-Reads" (W011) |
| 2:35pm | Amanda M. Hulse-Kemp, University of California "A New Pepper Genome Built Using Long-Range Short-Read Technology Allows Direct Comparison of Pungent and Non-Pungent Types" (W012) |
| 2:55pm | Tony Bolger, RWTH Aachen University - Institute for Biology 1 "Sequence Analysis Using the LOGAN (LOssless Graph-based ANalysis) Framework" (W013) |
| 3:15pm | Doane Chilcoat, DuPont Pioneer "Maize Genome Modification: Technology and Applications" (W014) |
| 3:35pm | Concluding Remarks |

Saturday - January 14, 2017

| | |
|------------------------|--|
| 1:30pm - 3:40pm | Citrus Genome - PACIFIC SALON 6-7 (2ND FLOOR) Organizer: Concetta Licciardello, Consiglio per la ricerca in agricoltura e l'analisi dell'economia agraria (CREA) |
| 1:30pm | Manuel Talon,Centro de Genomica, Instituto Valenciano de Investigaciones Agrarias, IIVIA "Genomics Illuminates the Origin and Dispersal of Citrus" (W146) |
| 1:50pm | Tokuro Shimizu,Institute of Fruit Tree and Tea Science, NARO "Genomic Selection in Citrus Breeding: Improved Accuracy with Additional Population Data" (W147) |
| 2:10pm | Yoko Eck,University of California Riverside "Application of High Throughput Genotyping SNP Array for Citrus" (W148) |
| 2:30pm | Javier Terol,Centro de Genomica, Instituto Valenciano de Investigaciones Agrarias, IIVIA "RNA-SEQ Analysis of Fruit Ripening in 3 Clementine Varieties" (W149) |
| 2:50pm | Surya Saha,Boyce Thompson Institute "CitrusCyc: Metabolic Pathway Databases for the <i>C. clementina</i> and <i>C. sinensis</i> Genomes" (W150) |
| 3:10pm | Qibin Yu,University of Florida, IFAS-CREC "Transcriptional Profiling of Rough Lemon and Sweet Orange Reveals Critical Involvement of Reprogramming of Signaling Pathways in Early Response and Strong Quantitative Nature of Defense to '<i>Candidatus Liberibacter asiaticus</i>'" (W151) |
| 1:30pm - 3:40pm | Cool Season Legumes - PACIFIC SALON 1 Organizer: Kirstin Bett, University of Saskatchewan |
| 1:30pm | Eric von Wettberg,International Center for Tropical Botany, Florida Intl Univ. "Temporal and Spatial Variation in a Large Collection of Chickpea (<i>Cicer arietinum</i>) Landraces" (W206) |
| 1:50pm | Alan H. Schulman,LUKE & University of Helsinki "TBA on Faba Bean" (W207) |
| 2:10pm | Jonathan Kreplak,INRA, UMR1347 Agroécologie "Updates on Pea Genomics" (W208) |
| 2:30pm | James L. Weller,School of Biological Sciences, University of Tasmania "Comparative Genetics of Flowering Time Control in Legume" (W209) |
| 2:50pm | Ezgi Ogutcen,University of Saskatchewan "Capturing Variation in <i>Lens spp.</i>" (W210) |
| 3:10pm | Mandeep Sagi,University of Saskatchewan "Chickpea NBS-LRR Expression when Challenged with <i>Ascocysta rabei</i>" (W211) |
| 3:20pm | Kirstie Hetherington,Earlham Institute "Genotype-to-Phenotype Associations in Common Pea and Wild Relatives" (W212) |

Saturday - January 14, 2017

| | |
|-----------------|--|
| 1:30pm - 3:40pm | Maize - GOLDEN WEST Organizer: Patrick S. Schnable, Iowa State University Chair: Patrick S. Schnable, Iowa State University |
| 1:30pm | Patrick S. Schnable,Iowa State University "Introduction" (W591) |
| 1:35pm | Steven Briggs,University of California, San Diego "Complementarity of the Transcriptome and Proteome" (W592) |
| 2:05pm | Bill Gordon-Kamm,DuPont Pioneer "Expression of Bbm and WUS2 Extends Monocot Transformation into New Target Explants and Genotypes" (W593) |
| 2:35pm | Jason G Wallace,The University of Georgia "Exploring the Other Maize Genome: Quantitative Analysis of How Maize Plants Interact with their Microbial Communities" (W594) |
| 2:55pm | Zhiwu Zhang,Washington State University "BLUP Alphabet for Genomic Prediction" (W595) |
| 3:15pm | Sébastien Praud,LIMAGRAIN "Remote Sensing for Crop Improvement: From Research to Industry" (W596) |
| 1:30pm - 3:40pm | Plant Interactions with Pests and Pathogens - SUNRISE - MEETING HOUSE Organizer: Christie Williams, USDA-ARS at Purdue University |
| 1:30pm | Claude dePamphilis,Penn State University "Parasitic Plants Steal Genes from their Host Plants through Horizontal Gene Transfer and use them in Parasite Processes" (W700) |
| 1:50pm | Brandon Schemerhorn,USDA-ARS/Purdue University "Spatial Population Genetic Structure and Genetic Diversity of <i>Phytopthera sojae</i> in Indiana" (W701) |
| 2:10pm | Vincent P. Klink,Mississippi State University "Co-Regulation of the SNARE-Containing Regulon Occurs during Plant Defense" (W702) |
| 2:30pm | Eduard Akhunov,Kansas State University, Department of Plant Pathology, Manhattan, KS "Unraveling the Mechanisms of Stem Rust Resistance Conferred by the <i>Sr35</i> Gene against <i>Puccinia graminis f. sp. tritici</i> (<i>Pgt</i>)" (W703) |
| 2:50pm | Kai Voss-Fels,Justus Liebig University "From Head to Foot: Genetics of Wheat Seedling Resistance Against Root Rot Caused by <i>Fusarium graminearum</i>" (W704) |
| 3:10pm | Jin-Ying Gou,School of Life Sciences, Fudan University "Biosynthesis of Flavonoids Protects Wheat from Powdery Mildew Infection" (W705) |

Saturday - January 14, 2017

| | |
|-----------------|---|
| 1:30pm - 3:40pm | Plant Molecular Breeding - PACIFIC SALON 3 Organizers: Jinguo Hu, USDA ARS, Zhi-Kang Li, Institute of Crop Sciences/National Key Facility for Crop Gene Resources and Genetic Improvement and Yunbi Xu, CIMMYT/CAAS Chair: Yunbi Xu, CIMMYT/CAAS Co-Chair: Zhi-Kang Li, Institute of Crop Sciences/National Key Facility for Crop Gene Resources and Genetic Improvement |
| 1:30pm | Long-Xi Yu, USDA-ARS-Plant Germplasm Introduction and Testing "Molecular Markers Associated with Resistance to Drought and High Salinity in Alfalfa (<i>Medicago sativa</i> L.)" (W706) |
| 1:50pm | Fabio Cericola, Molecular Biology and Genetics, Aarhus University "Optimizing Training Population Size and Genotyping Strategy for Genomic Prediction Using Association Study Results and Pedigree Information. a Case of Study in Advanced Wheat Breeding Lines" (W707) |
| 2:10pm | Christian R. Werner, Department of Plant Breeding, Justus Liebig University "Genomic Prediction for Hybrid Performance in Rapeseed" (W708) |
| 2:30pm | Shuyu Liu, Texas A&M AgriLife Research "Application of Array SNP and GBS in Genetics and Breeding of Hard Red Winter Wheat" (W709) |
| 2:50pm | John Baison, Umea Plant Science Center (UPSC) "Exome Genotyping and Association Mapping in Conifers: Focusing on Norway Spruce" (W710) |
| 3:10pm | Janina Braatz, Christian Albrechts University of Kiel "Towards the Production of Shatter Resistant Rapeseed by use of Mutations in Dehiscence Zone Identity Genes" (W711) |
| 1:30pm - 3:40pm | Somatic Genome - PACIFIC SALON 4-5 (2ND FLOOR) Organizer: Xiu-Qing Li, Agriculture and Agri-Food Canada |
| 1:30pm | Xiu-Qing Li, Agriculture and Agri-Food Canada "Introduction to Somatic Genome Variation and Manipulation" (W850) |
| 1:55pm | Pal Maliga, Rutgers University "Cell-to-Cell Movement of Plastids and Mitochondria in Plants" (W851) |
| 2:20pm | Yinping Jiao, USDA-ARS/Cold Spring Harbor Laboratory "Genomic Landscape of Induced Mutations in Sorghum" (W852) |
| 2:45pm | Richard J. Morris, John Innes Centre "Signaling through Mobile mRNA: Lost in Translation?" (W853) |
| 3:10pm | Scott C. Lenaghan, Center for Renewable Carbon, University of Tennessee "TBD" (W854) |

Saturday - January 14, 2017

| | |
|-----------------|---|
| 1:30pm - 3:40pm | Sugar Beet Workshop - TOWNE - MEETING HOUSE Organizer: Imad Eujayl, USDA-ARS, Northwest Irrigation and Soils Res. Lab. |
| 1:30pm | Piergiorgio Stevanato,University of Padova, Italy "Targeted Next-Generation Sequencing (NGS) of Disease Resistance Gene Analogs (RGAs) in Wild and Cultivated Beet" (W883) |
| 1:47pm | Andy Funk,Mihcigan State University "Organization of a Resistance Gene Cluster Linked to Rhizomania Resistance in Sugar Beet" (W884) |
| 2:04pm | Kazunori Taguchi,NARO, Hokkaido Agricultural Research Center(HARC) "Dynamic Analysis of Leaf Growth in Sugar Beet F1s Using UAV over Breeding Research Field" (W885) |
| 2:21pm | Subhashini Srinivasan,Institute of Bioinformatics and Applied Biotechnology "Differential Genome Organization of Some Species in the Caryophyllales Order" (W886) |
| 2:38pm | Ilia Shilov,Institute of Agricultural Biotechnology "Progress of Marker Assisted Selection on Sugar Beet in Russia" (W887) |
| 2:55pm | Chiara Broccanello,DAFNAE, Università degli Studi di Padova "Ionomic and Openarray Profiling to Detect Effects of Biostimulants in Sugar Beet" (W888) |
| 1:30pm - 3:40pm | Triticeae Genetics and Genomics, Session 2: Trait genetics and gene identification - TOWN AND COUNTRY Organizers: Michael Bevan, John Innes Centre, Gary J. Muehlbauer, Department of Plant and Microbial Biology, University of Minnesota and Justin D. Faris, USDA-ARS |
| 1:30pm | Sarah M McKim,University of Dundee at the James Hutton Institute "Developmental Genetics of Reproductive Architecture in Barley" (W969) |
| 1:50pm | Helmy M. Youssef,IPK-Gatersleben "VRS2 Regulates Hormone-Mediated Inflorescence Patterning in Barley" (W970) |
| 2:10pm | Robert S. Brueggeman,Department of Plant Pathology, North Dakota State University "Wall Associated Kinases; Subversion by Necrotrophs to Cause Disease in the Cereals" (W971) |
| 2:30pm | Juan M. Debernardi,University of California, Davis "miR172 Plays a Critical Role in the Origin of Free-Threshing Wheat" (W972) |
| 2:50pm | Simon Griffiths,John Innes Centre "Extracting New and Useful Alleles from Wheat Landrace Cultivars of the AE Watkins Collection" (W973) |

Saturday - January 14, 2017

| | |
|-----------------|---|
| 1:30pm - 3:40pm | Crop Evolution Genomics & Future Agricultural Productivity - ESQUIRE - MEETING HOUSE Organizer: Shahal Abbo, The Hebrew University of Jerusalem Co-Chair: Yong-Bi Fu, Plant Gene Resources of Canada |
| 1:30pm | Brandon S. Gaut,University of California, Irvine "Crop Genomic Diversity: A Contrast Between Annual and Perennial Systems" (W213) |
| 1:50pm | Paul Gepts,University of California "Origin, Evolution, and Adaptation of Wild <i>Phaseolus vulgaris</i>" (W214) |
| 2:10pm | Zvi Peleg,The Hebrew University of Jerusalem "Differential Selection of Grain and Embryo Weight during Wheat Evolution under Domestication" (W215) |
| 2:30pm | Martin Mascher,Leibniz Institute of Plant Genetics and Crop Plant Research (IPK) "Barley Diversity Now and 6000 Years Ago" (W216) |
| 2:50pm | Assaf Distelfeld,Tel Aviv University "Genome-Wide Diversity Analysis using Wild Emmer Wheat Reference Assembly" (W217) |
| 3:10pm | Pat Heslop-Harrison,University of Leicester "Domestication, Polyploidy and Genomics of Crops" (W218) |
| 1:30pm - 3:40pm | Computer Demo 1 - CALIFORNIA Organizers: Monica C. Munoz-Torres, Lawrence Berkeley National Laboratory and Brian Smith-White, National Center for Biotechnology Information (NCBI/NLM/NIH) |
| 1:30pm | Pierre Larmande,IRD, UMR DIADE, Institut de Biologie Computationalle "The Agronomic Linked Data (AgroLD) Project" (C01) |
| 1:45pm | Célia Michotey,INRA - URGI "Forest Tree GnPIS: an Information System Dedicated to Forest Tree Genetics, Genomics and Phenomics" (C02) |
| 2:00pm | Marco Moretto,Fondazione Edmund Mach "Exploring Grapevine Gene Expression Patterns with Vespucci." (C03) |
| 2:15pm | Carol Lushbough,University of South Dakota "Bio -TDS : BioQuery Tool Discovery System" (C04) |
| 2:30pm | Damien Leroux,MIAT, Institut National de la Recherche Agronomique "Spell-QTL, a New Tool for QTL Analysis on Modern Datasets" (C05) |
| 2:45pm | Jorge Duitama,Universidad de los Andes "Analysis of Genomic Variability within Inbred Populations with NGSEP" (C06) |
| 3:00pm | Lon Phan,NIH/NLM/NCBI "NCBI Genomic Data Viewer" (C07) |
| 3:15pm | Richard J Challis,Edinburgh University "Easymirror and Easyimport: Set up Your Own Ensembl Site in 2 Hours for Your Favourite Taxa" (C08) |

Saturday - January 14, 2017

| | |
|------------------------|--|
| 1:30pm - 6:10pm | Cattle/Sheep/Goat 1 - SAN DIEGO Organizer: Jared E. Decker, Division of Animal Sciences, University of Missouri |
| 1:30pm | Kim C. Worley,Baylor College of Medicine "Rambouillet Sheep Genomic Resources" (W123) |
| 2:00pm | Derek M. Bickhart,Dairy Forage Research Center, USDA-ARS "The New Goat Long-Read Assembly Enables Interrogation of Genomic Dark Matter" (W124) |
| 2:30pm | Kim D. Pruitt,National Center for Biotechnology Information (NCBI/NLM/NIH) "Bovidae Genome Data at NCBI – from Genome Annotation to Gene Curation" (W125) |
| 3:00pm | Break |
| 3:30pm | Ran Blekhman,University of Minnesota "Host Genomic Control of the Microbiome" (W126) |
| 4:15pm | George E. Liu,Animal Genomics and Improvement Laboratory, USDA-ARS "Systematic Profiling of Short Tandem Repeats in the Cattle Genome" (W127) |
| 4:45pm | Christine G. Elsik,Division of Animal Sciences, University of Missouri "Annotating the New Bovine Reference Genome Assembly" (W128) |
| 5:15pm | James M. Reecy,Department of Animal Science, Iowa State University "NRSP8 Bioinformatics Update" (W129) |
| 1:30pm - 6:10pm | Equine 1 - ROYAL PALM SALON 5-6 Organizer: Carrie J. Finno, University of California-DavisChair: Carrie J. Finno, University of California-DavisCo-Chair: Jessica L. Petersen, University of Nebraska |
| 1:30pm | Introductory Remarks |
| 1:35pm | Douglas Antczak,Cornell University "Expression Signatures of Equid Lymphocyte Subsets Defined By Single Cell Sequencing" (W292) |
| 1:50pm | SK Beeson,University of Minnesota "Identification of Candidate Genes for Recurrent Exertional Rhabdomyolysis in Thoroughbreds and Standardbreds" (W293) |
| 2:05pm | Brittni Ming-Whitfield,University of California - Davis "Genome Wide Association Study of Juvenile Idiopathic Epilepsy (JIE) in Egyptian Arabian Foals" (W294) |

Saturday - January 14, 2017

| | |
|--------|---|
| 2:20pm | Maura Mack,University of California-Davis "Two Mutations in Solute Carrier Family 24 Member 5 Are Associated with "Tiger Eye" Iris Pigmentation in Puerto Rican Paso Fino Horses" (W295) |
| 2:35pm | Vidhya Jagannathan,Institute of Genetics, University of Bern "Naked Foal Syndrome (NFS) in Akhal-Teke Horses" (W296) |
| 2:50pm | Ernest Bailey,Maxwell H. Gluck Equine Research Center, Veterinary Science Department, University of Kentucky "Natural History of CXCL16 in Horses: Evidence for Caballine, Non-Caballine Hybridization" (W297) |
| 3:05pm | Victor Mason,Swiss Institute of Equine Medicine, University of Bern and Agroscope "Recurrent Airway Obstruction and eQTLs in Horses" (W298) |
| 3:20pm | Break |
| 3:35pm | Felipe Avila,University of Minnesota "Identification of Genomic Signatures of Selection Associated with Cranial Morphology and Conformation in Arabian Horses" (W299) |
| 3:50pm | Annette M McCoy,University of Illinois "Validation of Genetic Variants Predictive of Pacing in Standardbred Horses" (W300) |
| 4:05pm | Ann Kemper,University of Minnesota and University of Illinois "Differential Expression Analysis of the Subchondral Bone and Articular Cartilage Transcriptomes in Neonatal and Adult Horses" (W301) |
| 4:20pm | Nicole Wanner,University of Minnesota College of Veterinary Medicine "Impact of Paternal Inheritance of an Allele for Type I Polysaccharide Storage Myopathy on Exertional Rhabdomyolysis and Muscle Glycogen Concentration" (W302) |
| 4:35pm | Erica Scott,School of Veterinary Medicine, UC Davis "Annotating Long Non-Coding RNA in the Horse Transcriptome" (W303) |
| 4:50pm | Erin Burns,University of California - Davis "Generation of an Equine Tissue Biobank for Functional Annotation" (W304) |
| 5:05pm | Break |
| 5:15pm | RJ Schaefer,University of Minnesota "Unraveling Gene Function Using Gene Coexpression Networks in the Domestic Horse" (W305) |
| 5:30pm | Michael S. DePriest,University of Louisville "Protein-Coding Gene Sequences Quantify Progress Toward the New Equine Reference Genome Assembly" (W306) |

Saturday - January 14, 2017

| | |
|------------------------|---|
| 5:45pm | Douglas Antczak,Cornell University "Expression Signatures of Equid Lymphocyte Subsets Defined by Single Cell Sequencing" (W307) |
| 6:00pm | Elspeth Bruford,European Bioinformatics Institute (EMBL-EBI) "HGNC: Vertebrate Gene Nomenclature Resource" (W308) |
| 6:15pm | Discussion and Station Reports |
| 1:30pm - 6:10pm | Swine - ROYAL PALM SALON 1-2 Organizer: Kiho Lee, Virginia Tech |
| 1:30pm | Introductory Remarks |
| 1:35pm | Mary Raketse,Agricultural Research Council-Biotechnology Platform "Whole Genome Sequence Analysis Reveals Antimicrobial Resistance Genes, Plasmids and Potentially Unique Sequence Types of Enterotoxigenic <i>Escherichia coli</i> Isolates Causing Colibacillosis in Neonatal and Weaning Piglets of South Africa" (W911) |
| 2:00pm | Alex Clop,Center for Research in Agricultural Genomics (CRAG) CSIC-IRTA-UAB-UB "A Whole-Genome Association Scan Detects Several Genetic Regions Influencing Semen Quality Traits in the Boar's Sperm." (W912) |
| 2:25pm | Kiho Lee,Virginia Tech "Use of CRISPR/Cas9 to Induce Targeted Mutagenesis during Porcine Embryogenesis" (W913) |
| 2:40pm | Dan Nonneman,USDA, ARS, USMARC "Usmarc Update on Swine Reproduction Research" (W914) |
| 2:55pm | Francesca Bertolini,Iowa State University "A Genomic Investigation of Porcine Periweaning Failure to Thrive Syndrome (PFTS)" (W915) |
| 3:10pm | Jorgenson Genome Travel Award Winner |
| 3:20pm | Administrator and Coordinator Reports |
| 3:35pm | Discussion of Community Needs and Resources |
| 3:50pm | Break |
| 4:05pm | James M. Reecy,Department of Animal Science, Iowa State University "Reecy" (W916) |
| 4:20pm | Christopher K. Tuggle,Iowa State University, Department of Animal Science "Tuggle " (W917) |
| 4:35pm | Joan K. Lunney,APDL, BARC, ARS, USDA "Lunney USDA" (W918) |

Saturday - January 14, 2017

| | |
|------------------------|--|
| 4:50pm | Daniel C. Ciobanu,University of Nebraska - Lincoln "Integration of Genomic Resources to Uncover Pleiotropic Regions Associated with Age at Puberty and Reproductive Longevity in Sows" (W919) |
| 5:05pm | Christian Maltecca,NCSU "NCSU Update" (W920) |
| 5:20pm | Catherine W. Ernst,Department of Animal Science, Michigan State University "Evaluation of Four US Pig Breeds Using the Affymetrix Axiom Pig HD Array" (W921) |
| 5:35pm | Zhihua Jiang,Washington State University "Whole Transcriptome Termini Site Sequencing Reveals Gender Differences in Genome-Wide Usage of Alternative Polyadenylation Sites" (W922) |
| 5:50pm | Election of Officers and Other Business |
| 3:00pm - 4:00pm | Coffee Break - ATLAS FOYER |
| 4:00pm - 6:10pm | Challenges and Opportunities in Plant Science Data Management - an International Workshop - PACIFIC SALON 4-5 (2ND FLOOR) Organizers: Ruth Bastow, GARNet, Carolyn J. Lawrence-Dill, Department of Genetics, Development and Cell Biology, Iowa State University and Darwin Campbell, Iowa State University |
| 4:00pm | Robert P. Davey,Earlham Institute "Data Stewardship in the Life Sciences" (W139) |
| 4:15pm | Kelly Robbins,Cornell University "The GOBII Project: Genomic Data Management for the Implementation of Genomic Selection" (W140) |
| 4:30pm | Margaret R. Krause,Cornell University "Diverse Data Integration for Exploiting Genotype-by-Environment-by-Management Interactions" (W141) |
| 4:45pm | Elizabeth Arnaud,Bioversity International "Annotation of Crop Data with Ontologies to Support Fitness for Use" (W142) |
| 5:00pm | Baskar Ganapathysubramanian,Iowa State University "High Throughput Plant Phenotyping in the Field: Machine Learning Enabled by Data from Crowdsourcing" (W143) |
| 5:15pm | Uwe Scholz,Leibniz Institute of Plant Genetics and Crop Plant Research (IPK) Gatersleben "Data Publication Using e!Dal" (W144) |
| 5:30pm | Medha Devare,CGIAR Consortium Office "CGIAR's Big Data Platform: Leveraging Data for Impact" (W145) |

Saturday - January 14, 2017

| | |
|------------------------|---|
| 4:00pm - 6:10pm | Bioenergy Grass Genomics - PACIFIC SALON 2 Organizers: Kankshita Swaminathan, HudsonAlpha Institute for Biotechnology and Dan Smith, Aberystwyth University |
| 4:00pm | Kankshita Swaminathan,University of Illinois Urbana-Champaign "Miscanthus Genome Update" (W069) |
| 4:10pm | Dan Smith,Aberystwyth University "Analysis of Phenotype and Transcriptome Changes in Miscanthus Responding to Drought Stress" (W070) |
| 4:30pm | Isabel Roldan-Ruiz,ILVO Plant Sciences Unit and Department of Plant Biotechnology and Bioinformatics, Ghent University "How Low Can You Go? Chilling and Frost Tolerance in Miscanthus Germplasm" (W071) |
| 4:55pm | David M. Braun,University of Missouri "Sugar Transporters Controlling Sucrose Accumulation in Bioenergy Grasses" (W072) |
| 5:20pm | Jeremy Schmutz,HudsonAlpha Institute for Biotechnology "Sequencing and Analysis of the Switchgrass Reference Genome and the Diversity of Switchgrass Wild Accessions" (W073) |
| 5:45pm | Shavannor M. Smith,University of Georgia "TBA" (W074) |
| 4:00pm - 6:10pm | Climate Change and ICRCGC 1 - GOLDEN BALLROOM Chair: Chittaranjan Kole, International Climate Resilient Crop Genomics ConsortiumCo-Chair: Jeffrey D. Ehlers, The Bill and Melinda Gates Foundation |
| 4:00pm | Chittaranjan Kole,International Climate Resilient Crop Genomics Consortium "Combating Climate Change for FNEE Security" (W152) |
| 4:10pm | Prasanna Boddupalli,International Maize and Wheat Improvement Center "TBA" (W153) |
| 4:30pm | Jauhar Ali,PBD, International Rice Research Institute "Securing Food through Climate-Resilient Rice Varieties for Asia and Africa" (W154) |
| 4:50pm | Roberto Tuberosa,Department of Agricultural Sciences, University of Bologna "A Collaborative Effort for Mining Allelic Diversity Toward the Selection of Climate-Resilient Durum Wheat" (W155) |
| 5:10pm | Manoj Prasad,National Institute of Plant Genome Research "TBA" (W156) |
| 5:30pm | Bill Payne,University of Nevada-Reno "TBA" (W157) |
| 5:50pm | Robert J. Henry,University of Queensland/QAAFI "C4 Photosynthesis in Seeds may Contribute to Climate Adaptation" (W158) |

Saturday - January 14, 2017

| | |
|------------------------|--|
| 4:00pm - 6:10pm | Genomic Selection and Genome-Wide Association Studies - GOLDEN WEST Organizers: Jianming Yu, Iowa State University and Dorian J. Garrick, Department of Animal Science, Iowa State University |
| 4:00pm | Welcoming Remarks |
| 4:05pm | Susan McCouch,Cornell University "Linking Genome Wide Association Studies (GWAS) and Genomic Selection (GS) to better utilize Natural Variation in Rice" (W445) |
| 4:30pm | Bertrand Servin,INRA, UMR1388 GenPhySe "QTL Detection using Genome Scans for Selection on Resequencing Data: Illustration in Cattle" (W446) |
| 4:55pm | Zhongwei Lin,National Maize Improvement Center, China Agricultural University "The Genetic Architecture of Maize Nodal Root Number during Domestication" (W447) |
| 5:15pm | Rohan L. Fernando,Iowa State University "Strategies to Improve Numerical Stability of Equations used for Genomic Prediction of Genetic Merit" (W448) |
| 5:40pm | Edward S. Buckler,USDA-ARS-Cornell University "Direction of GWAS and GS" (W449) |
| 6:05pm | Concluding Remarks |
| 4:00pm - 6:10pm | Next Generation Genome Annotation and Analysis - SUNRISE - MEETING HOUSE Organizer: Carson Holt, University of Utah |
| 4:00pm | Welcoming Remarks |
| 4:05pm | Steven B. Cannon,USDA-ARS-CICGRU "Evaluating MAKER-P in the Context of Two Closely Related Peanut Genomes" (W626) |
| 4:30pm | Upendra Devisetty,CyVerse "WQ-Maker: A Flexible and Scalable Genome Annotation Pipeline on Jetstream Cloud" (W627) |
| 4:55pm | Daniel Standage,University of California, Davis "Genome Annotation of the Primitively Eusocial Paper Wasp <i>Polistes dominula</i>: Challenges and Insights" (W628) |
| 5:20pm | Nathan A Dunn,Lawrence Berkeley National Laboratory "Apollo: Collaborative and Scalable Manual Genome Annotation" (W629) |
| 5:45pm | Michael S. Campbell,Cold Spring Harbor Laboratory "High-Throughput Assessment of Gene Structure Changes in Resequencing Data, Using ACE" (W630) |

Saturday - January 14, 2017

| | |
|------------------------|---|
| 4:00pm - 6:10pm | Non-Seed Plants - TOWNE - MEETING HOUSE Organizer: Stefan A. Rensing, Faculty of Biology, University of Marburg |
| 4:00pm | Jan de Vries,Dalhousie University "Land Plant Terrestrialization and What We Can Learn from <i>Chara</i>" (W637) |
| 4:20pm | Daniel Lang,Helmholtz Center Munich "Extraordinary Moss Genome Structure and Evolution uncovered by the <i>Physcomitrella</i> V3 Chromosome-Scale Assembly" (W638) |
| 4:40pm | Nico van Gessel,Plant Biotechnology, University of Freiburg "Sequencing Funariaceae: First Insights from Seven Draft Genomes of <i>Physcomitrella</i>'s Closest Relatives" (W639) |
| 5:00pm | Peter Szovenyi,University of Zurich "The Genome of the Hornwort, <i>Anthoceros agrestis</i>" (W640) |
| 5:20pm | Harald Schneider,Natural History Museum and Sun Yat-Sen University "Rate Homo- and Rate Heterogeneity in the Genome Size Evolution Across the Phylogeny of Land Plants" (W641) |
| 5:40pm | Fay-Wei Li,Boyce Thompson Institute "Fern Genomes on the Horizon" (W642) |
| 4:00pm - 6:10pm | Oats - PACIFIC SALON 6-7 (2ND FLOOR) Organizers: Nicholas A. Tinker, Agriculture and Agri-Food Canada and Eric N. Jellen, Brigham Young University |
| 4:00pm | Nicholas A. Tinker,Agriculture and Agri-Food Canada "Avena Origins and Futures: Workshop Introduction and Summary" (W650) |
| 4:10pm | Anne Osbourn,John Innes Centre "<i>Avena strigosa</i> – from Biosynthetic Gene Clusters to Genomics" (W651) |
| 4:30pm | Adam Whaley,University of North Carolina at Charlotte "A Hexaploid Oat Genome: The Long and the Short of It" (W652) |
| 4:50pm | Elena Prats,Spanish National Research Council (CSIC) "Genetic Diversity and GxE Interactions for Drought and Disease Tolerance in Oat" (W653) |
| 5:10pm | Vahid Omidvar,University of Minnesota "Oat Crown Rust Disease Resistance: Two Sides to the Story" (W654) |

Saturday - January 14, 2017

4:00pm - 6:10pm

- Population and Conservation Genomics 1 - PACIFIC SALON 3**
Organizer: Om P. Rajora, University of New Brunswick
- 4:00pm Introductory Remarks
4:05pm Sam Yeaman, University of Calgary
"Using Comparative Population Genomics to Find the Genes Driving Convergent Local Adaptation" (W742)
4:25pm Marjorie F. Oleksiak, University of Miami
"Rapid Adaptation through Standing Genetic Variation" (W743)
4:45pm Mackenzie Gavery, University of Washington
"Characterization of Genetic and Epigenetic Variation in Hatchery and Natural-Origin Steelhead, *Oncorhynchus mykiss*" (W744)
5:05pm Wenbin Mei, University of California, Davis
"Population Genomics of Copy Number Variation in a Natural Population of Teosinte" (W745)
5:25pm Eleftheria Palkopoulou, Department of Genetics, Harvard Medical School
"Genomics of Elephants and their Extinct Relatives" (W746)
5:45pm Ying Zhen, University of California, Los Angeles
"Genomic Divergence across Ecological Gradients in a Central African Songbird (*Andropadus virens*)" (W747)
6:05pm Concluding Remarks

4:00pm - 6:10pm

- Small RNA - PACIFIC SALON 1**
Organizers: Blake Meyers, Donald Danforth Plant Science Center and Pamela J. Green, University of Delaware
- 4:00pm Craig Pikaard, Indiana University/HHMI
"Transcribing the RNAs of RNA-Directed DNA Methylation" (W838)
4:20pm Rebecca A. Mosher, University of Arizona
"Dynamic Nucleocytoplasmic Trafficking of Argonaute 4 Enables RNA-Directed DNA Methylation" (W839)
4:40pm Amy Pasquinelli, University of California, San Diego
"Elucidating the Dark Side of the MicroRNA" (W840)
5:00pm Wenbo Ma, University of California
"*Phytophthora* Pathogens Manipulate Plant Small RNAs to Promote Infection" (W841)
5:20pm Olivia Rissland, University of Toronto
"Reorganization of mRNA-Protein Complexes during microRNA-Mediated Repression" (W842)
5:40pm Lila Vodkin, University of Illinois
"A Mutation in an Argonaute Protein Explains the Epistatic Interactions of the K and I Loci which Control Soybean Seed Color Patterns through Levels of Chalcone Synthase siRNAs" (W843)

PS WE

Saturday - January 14, 2017

| | |
|-----------------|---|
| 4:00pm - 6:10pm | Teaching Genetics, Genomics, Biotechnology, and Bioinformatics - ESQUIRE - MEETING HOUSE Organizer: Abdelmajid Kassem, Fayetteville State University |
| 4:00pm | Noel Chen, Novogene Corporation "Genotyping By Sequencing (GBS) Based Approach in Ultra-Density Genetic Mapping, SNP Discovery and Population Evolution" (W942) |
| 4:20pm | Etienne Gnimpieba, University of South Dakota "Bio-Question Driven Bioimage Informatics Workflow Design Using Bio-TDS" (W943) |
| 4:40pm | David A. Lightfoot, Southern Illinois University "Teaching Bioinformatics By Social Networking: The Pokémon Factor" (W944) |
| 5:00pm | Khalid Meksem, Department of Plant Soil and Agricultural Systems, SIUC "Teaching Introductory Genetics to Agricultural Science Students" (W945) |
| 4:00pm - 6:10pm | Triticeae Genetics and Genomics, Session 3: Application of genomic resources to Triticeae improvement - TOWN AND COUNTRY Organizers: Michael Bevan, John Innes Centre, Gary J. Muehlbauer, Department of Plant and Microbial Biology, University of Minnesota and Justin D. Faris, USDA-ARS |
| 4:00pm | Cyrille Saintenac, INRA / UBP GDEC "<i>Stb6</i> is a Wall-Associated Kinase Gene that provides Gene-for-Gene Resistance against <i>Zymoseptoria tritici</i> in Wheat" |
| 4:20pm | Matthew J. Moscou, The Sainsbury Laboratory "Genomics of the Barley Immune System" (W974) |
| 4:40pm | Cyrille Saintenac, INRA/UBP "<i>Stb6</i> is a Wall-Associated Kinase Gene that provides Gene-for-Gene Resistance against <i>Zymoseptoria tritici</i> in Wheat" (W975) |
| 5:00pm | Tatiana V. Danilova, Kansas State University "Major structural genomic alterations are associated with hybrid speciation in <i>Aegilops markgrafii</i> (Triticeae)" |
| 5:20pm | Kevin P. Smith, University of Minnesota "Barley Breeding using Genomic Selection" (W977) |
| 5:40pm | Jochen Kumlehn, Leibniz Institute of Plant Genetics and Crop Plant Research (IPK) "Mutual Benefits of Genome Engineering and Haploid Technology" (W978) |

Saturday - January 14, 2017

| | |
|------------------------|--|
| 4:00pm - 6:10pm | Genome Database for Rosaceae Training - CALIFORNIA Organizer: Dorrie Main, Washington State University |
| 4:00pm | Sook Jung,Washington State University "Using GDR: An Overview" (W418) |
| 4:20pm | Richard J. Harrison,NIAB EMR "Use of Strawberry Genomic Resources in GDR" (W419) |
| 4:40pm | Riccardo Velasco,Research and Innovation Centre, Edmund Mach Foundation "Using the New Apple Genome Assembly v4.0 Data in GDR" (W420) |
| 5:00pm | Cameron Peace,Washington State University "The GDR Is a Critical Resource for Developing and Refining Trait-Predictive DNA Tests" (W421) |
| 5:20pm | Ksenija Gasic,Clemson University "Using Field Book App and Bims in GDR for Peach Breeding" (W422) |
| 5:40pm | Michael Coe,Cedar Lake Research Group "Open Discussion on GDR" (W423) |
| 5:30pm - 7:30pm | Canadian Genomics Enterprise Reception - TIKI PAVILION TERRACE |
| 5:30pm - 7:30pm | CyVerse User Meeting: Tools and Resources Demos - STRATFORD Organizers: Jason Williams, Cold Spring Harbor Laboratory and Kapeel Chougule, Cold Spring Harbor Laboratory |
| 5:30pm | User-guided demonstrations and discussion |
| 6:20pm - 8:20pm | IWGSC Business Meeting - PACIFIC SALON 4-5 (2ND FLOOR) |
| 6:30pm - 8:30pm | Africa Biosciences Networking Dinner - GARDEN BALLROOM Organized by Steve Rounseley (Dow Agrosciences), Kathy Kahn and Christina Owen (Bill & Melinda Gates Foundation). Please join colleagues who have an interest in African agriculture to network and consider how your research might help increase the sustainable productivity of smallholder farmers. We welcome those who have already worked extensively on these issues, as well as new or simply curious colleagues. We will be highlighting the interests and accomplishments of Africa-based scientists who are partnering with Dow Agrosciences and/or the Bill & Melinda Gates Foundation. Each registered participant will be encouraged to share their expertise and/or questions. Dinner and drinks will be provided! Due to limited space, RSVP is recommended to kelly.thoma@gatesfoundation.org by January 5, 2016. |

Sunday - January 15, 2017

| | |
|-------------------------|--|
| 7:00am - 8:00am | Continental Breakfast - GOLDEN BALLROOM |
| 7:00am - 8:00pm | Registration - ATLAS FOYER |
| 7:00am - 9:00pm | Poster Access - GRAND EXHIBIT HALL |
| 8:00am - 10:10am | Comparative Genomics - GOLDEN WEST Organizers: Yong Q. Gu, USDA ARS, Western Regional Research Center and Nathan M. Springer, Department of Plant and Microbial Biology, University of Minnesota |
| 8:00am | Blake Meyers,Donald Danforth Plant Science Center "A Comparative Genomic Analysis of Plant Reproductive phasiRNAs" (W177) |
| 8:20am | Jim Leebens-Mack,University of Georgia "Plant Phylogenomics: Comparative Analyses of Plant Genes and Genomes" (W178) |
| 8:40am | Huey Tyng Lee,University of Queensland "Understanding Marine Adaptation through the Genome of a Southern Hemisphere Seagrass Species (<i>Zostera muelleri</i>)" (W179) |
| 9:00am | Hong-Qing Ling,Institute of Genetics and Developmental Biology, CAS "Comparative Analysis of <i>Triticum urartu</i> Genome with other Grass Genomes" (W180) |
| 9:20am | Brad Barbazuk,University of Florida "Genome Wide Discovery of Alternative Splice Isoforms Across Multiple Plant Species and the Identification of Conserved Events" (W181) |
| 9:40am | Matthew B. Hufford,Iowa State University "Evolutionary Insights from <i>de novo</i> Genome Assembly of Wild Maize" (W182) |
| 8:00am - 10:10am | Development and Application of Transgenic Technology in Agriculture - ROYAL PALM SALON 3-4 Organizer: Ashok Shrawat, Monsanto |
| 8:00am | Nian Wang,University of Florida, IFAS-CREC "Generating Disease Resistant Citrus Varieties using Cas9/sgRNA" (W262) |
| 8:20am | Cara L Soyars,Univeristy of North Carolina at Chapel Hill "Cas9 Targeting and Specificity in Higher-Order CRISPR Multiplexed Plants" (W263) |
| 8:40am | Ming Luo,CSIRO "Genome Editing in Cereals" (W264) |

Sunday - January 15, 2017

| | |
|-------------------------|--|
| 9:00am | Bing Yang,Iowa State University "SWEET Promoter Editing Produces Rice Lines Resistant to Bacterial Blight" (W265) |
| 9:20am | Justin M. McGrath,University of Illinois, Urbana-Champaign "Chloroplast Transformation for High-Level Expression of Useful Proteins" (W266) |
| 8:00am - 10:10am | Equine 2 - ROYAL PALM SALON 5-6 Organizer: Carrie J. Finno, University of California-Davis |
| 8:00am | Elizabeth A. Maga,University of California, Davis "Does the Microbiome Matter? Microbiome Profiling in the Horse and Other Livestock Species" (W309) |
| 8:50am | James M. Reecy,Department of Animal Science, Iowa State University "Update on NRSP8 Activities" (W310) |
| 9:00am | Theodore S. Kalbfleisch,University of Louisville "EquCab3: An Improved Genomic Reference for the Domestic Horse" (W311) |
| 9:30am | Discussion |
| 8:00am - 10:10am | Gene Introgression - PACIFIC SALON 2 Organizers: Julie King, The University of Nottingham and Theresa A. Musket, University of MissouriCo-Chair: Julie King, The Univ of Nottingham |
| 8:00am | Julie King,The University of Nottingham "Introduction" (W401) |
| 8:05am | Narinder Singh,Kansas State University "Simultaneous Introgression and Mapping of Hessian Fly Resistance from <i>Aegilops tauschii</i> in Wheat" (W402) |
| 8:25am | Ji Zhou,Earlham Institute "Scalable-Infield Phenotyping for DNA Measurements of Performance Related Traits to Study Gene Introgression in Bread Wheat" (W403) |
| 8:45am | George Fedak,Agriculture and Agri-Food Canada "Introgression of Alien Genes for Resistance to Fusarium Head Blight and Race Ug99 of Stem Rust" (W404) |
| 9:05am | Tim Langdon,IBERS, Aberystwyth University "Introgressions in an Oat Nested Assoc. Mapping Population" (W405) |
| 9:25am | Delphine Fleury,University of Adelaide "Characterization of a <i>Thinopyrum ponticum</i> Introgressions into Durum Wheat Chromosome 7A for Tolerance to Drought and Heat" (W406) |
| 9:45am | André Schönhofen,University of California, Davis "Combined Mutations in <i>SBEII</i> Genes Affect Grain Yield and Quality in Pasta and Bread Wheat" (W407) |

Sunday - January 15, 2017

| | |
|-------------------------|--|
| 8:00am - 10:10am | New Approaches for Developing Disease Resistance in Cereals - PACIFIC SALON 4-5 (2ND FLOOR) Organizers: Jesse Poland, Kansas State University, Maricelis Acevedo, North Dakota State University and Jessica Rutkoski, Cornell University & CIMMYT |
| 8:00am | Roger Wise,Corn Insects and Crop Genetics Research, USDA-Agricultural Research Service, Iowa State University "Inter-Chromosomal Transfer of Immune Regulation during Infection of Barley with the Powdery Mildew Pathogen" (W614) |
| 8:20am | Christian D Cruz,Kansas State University "Developing Strategies for Identifying Novel Sources of Resistance for the Intractable Wheat Blast Disease" (W615) |
| 8:40am | Adnan Riaz,Queensland Alliance for Agriculture and Food Innovation "Speeding up the Discovery of Novel Leaf Rust Resistance in Wheat" (W616) |
| 9:00am | Burkhard Steuernagel,John Innes Centre "New Approaches for Gene Cloning in Triticeae" (W617) |
| 9:20am | Simon Krattinger,University of Zurich "Rapid Isolation of a Disease Resistance Gene in Hexaploid Wheat By Generating a Cultivar-Specific Long-Range Chromosome Assembly" (W618) |
| 8:00am - 10:10am | Plant Phenotypes - PACIFIC SALON 3 Organizers: Carolyn J. Lawrence-Dill, Department of Genetics, Development and Cell Biology, Iowa State University, Darwin Campbell, Iowa State University and Ruth Bastow, Global Plant Council |
| 8:00am | Mitch Tuinstra,Purdue University "Introduction to the North American Plant Phenotyping Network" (W712) |
| 8:18am | Ulrich Schurr,Forschungszentrum Jülich GmbH "Integrated Phenotyping Concepts and News from Emphasis - the European Infrastructure for Multi-Site Plant Phenotyping and Simulation for Food Security in a Changing Climate" (W713) |
| 8:36am | Steven A. Whitham,Iowa State University "Developing the Enviratron: A Facility for Automated Phenotyping of Plants Growing under Varied Conditions" (W714) |
| 8:54am | Francisco Pinto,International Maize and Wheat Improvement Centre (CIMMYT) "Phenotyping for Breeding and Physiological Pre-Breeding" (W715) |
| 9:12am | Ramona Walls,University of Arizona "Merging Data Across Continents and Scales with the Plant Phenology Ontology" (W716) |

Sunday - January 15, 2017

| | |
|-------------------------|--|
| 8:00am - 10:10am | QTL Cloning - TOWN AND COUNTRY Organizer: Roberto Tuberosa, Department of Agricultural Sciences, University of Bologna |
| 8:00am | Beat Keller,University of Zurich "Genomic Approaches Provide Novel Tools for Rapid Cloning of Major QTL in Large Cereal Genomes" (W784) |
| 8:20am | Francesco Emanuelli,DipSA - University of Bologna "Cloning of <i>Vgt3</i>, a Major QTL for Flowering Time in Maize" (W785) |
| 8:40am | Enrico Francia,Department of Life Sciences, University of Modena and Reggio Emilia "Copy Number Variation of <i>CBF</i> Genes Rules the Effect of <i>FR-H2</i> QTL for Frost Tolerance in Barley" (W786) |
| 9:00am | Assaf Distelfeld,Tel Aviv University "Genetic Dissection of QTLs Controlling Brittle Rachis on Chromosomes 3A and 3B in Tetraploid Wheat" (W787) |
| 9:20am | Jemima Brinton,John Innes Centre "Two Tightly Linked Genes Controlling Grain Length Underlie a Major Grain Weight QTL in Polyploid Wheat" (W788) |
| 9:40am | Vasu Kuraparthi,North Carolina State University "Modifications to a LATE MERISTEM IDENTITY-1 Gene Are Responsible for the Major Leaf Shapes of Cotton" (W789) |
| 8:00am - 10:10am | Resources and Programs for Undergraduate Education in Genomics - TOWNE - MEETING HOUSE Organizer: Scott T Woody, UW-Madison |
| 8:00am | Scott Woody,UW-Madison "Introductory remarks" (W802) |
| 8:10am | Sarah Elgin,Washington University in St Louis "The Genomics Education Partnership: An Introduction to Bioinformatics in a Course-based Undergraduate Research Experience (CURE)" (W803) |
| 8:30am | Anne G. Rosenwald,Georgetown University "The Genome Solver Project: Faculty Training in Bioinformatics for a Cure" (W804) |
| 9:10am | Ray A. Enke,James Madison University "Enke title" (W805) |
| 9:30am | Dave Micklos,DNA Learning Center "Student DNA Genotyping by Mass Spectrometry: An Affordable Look into DNA Ancestry and Profiling" (W806) |
| 9:50am | Burnette Jim,UC-Riverside "NIBLSE: A Network to Fully Integrate Bioinformatics into the Undergraduate Curriculum." (W807) |

Sunday - January 15, 2017

| | |
|-------------------------|--|
| 8:00am - 10:10am | Solanaceae - PACIFIC SALON 1 Organizers: Shelley Jansky, University of Wisconsin-Madison and Mathilde Causse, INRA GAFL |
| 8:00am | Richard E. Veilleux, Virginia Tech "Genomic Heterogeneity of Potato" (W844) |
| 8:20am | Antonio Granell, IBMCP "Digging in the European Tomato Variability Pool (TRADITOM)" (W845) |
| 8:40am | Laurie Grandont, Biosystematics, Wageningen University & Research "The High-Quality Genome Sequence of <i>Solanum etuberosum</i> provides Insights into Genome and Trait Evolution of the <i>Solanum</i> Genus" (W846) |
| 9:00am | Prashant S Hosmani, Boyce Thompson Institute "Improvements in the Tomato Reference Genome (SL3.0) and Annotation (ITAG3.0)" (W847) |
| 9:20am | Spela Baebler, National Institute of Biology, Department of Biotechnology and Systems Biology "Novel Hormonal Cross - Talks in Potato Discovered By Network Analysis" (W848) |
| 9:40am | Mohamed Zouine, INPT-ENSAT "Tomexpress, a Unified Tomato RNA-Seq Platform for Visualization of Expression Data, Clustering and Correlation Networks" (W849) |
| 8:00am - 10:10am | Sorghum/Millet - PACIFIC SALON 6-7 (2ND FLOOR) Organizer: Yinghua Huang, USDA ARS |
| 8:00am | Yinghua Huang, USDA ARS "Introduction: Sorghum & Millet Workshop" (W855) |
| 8:05am | Ian Godwin, School of Agriculture and Food Sciences, The University of Queensland "Genome-Informed Genetic Engineering and Gene Editing in Sorghum" (W856) |
| 8:25am | Takashi Sazuka, Nagoya Univ. "Dw1, an Important Gene for Lodging Resistance and Mechanical Harvesting of Sorghum, Encodes a Novel Protein Involved in Cell Proliferation" (W857) |
| 8:45am | Yongfu Tao, Queensland Alliance for Agriculture and Food Innovation, The University of Queensland "Dissecting the Genetic Basis of Seed Size in <i>Sorghum bicolor</i>" (W858) |
| 9:05am | Patrick S. Schnable, Iowa State University "High Resolution Phenotyping: Semi-Automated Feature Extraction from RGB Images of <i>Sorghum</i> Panicles" (W859) |

Sunday - January 15, 2017

| | |
|-------------------------|---|
| 9:25am | Sandeep R. Marla,Kansas State University "Functional Genomic Analyses Reveal Molecular Systems Underlying Chilling Response in Cold-tolerant and Cold-susceptible Sorghums" (W860) |
| 9:45am | Song Weining,Northwest A&F University "TBD" (W861) |
| 8:00am - 12:40pm | Cattle/Sheep/Goat 2 - SAN DIEGO Organizer: Jared E. Decker, Division of Animal Sciences, University of Missouri |
| 8:00am | Hans D. Daetwyler,Agriculture Victoria and La Trobe University "Meta-Analyses Approaches to Prioritise Pleiotropic Sequence Variants from Global Sequence Consortia" (W130) |
| 8:30am | Simon Forsberg,Uppsala Universitet "Simon Update: Yeast Interactions" (W131) |
| 9:15am | Julie Demars,INRA-GenPhySE-Génétique, Physiologie et Systèmes d'Elevage-UMR1388 "EIF2S2 Retroposition into IRF2BP2 Underlies Fleece Variation in Sheep through the Formation of a Long Endogenous Double-Stranded RNA" (W132) |
| 9:45am | Break |
| 10:15am | Megan M. Rolf,Kansas State University "Heritability and Test Duration for Water Intake in Beef Cattle" (W133) |
| 10:45am | Jesse L. Hoff,Division of Animal Sciences, University of Missouri "Enhancement of QTL Mapping and Genomic Prediction for Bovine Respiratory Disease Using Sequence Imputation and Feature Selection" (W134) |
| 8:00am - 12:40pm | Genome annotation resources at the EBI - CALIFORNIA Organizer: Sandra Orchard, EMBL-EBI |
| 8:00am | Helen Sparrow,European Bioinformatics Institute (EMBL-EBI) "Ensembl and EnsemblGenomes" (W408) |
| 9:00am | Jane Loveland,Wellcome Trust Sanger Institute "Manual Genome Annotation" (W409) |
| 9:30am | Elspeth Bruford,European Bioinformatics Institute (EMBL-EBI) "VGNC: The Vertebrate Gene Nomenclature Committee" (W410) |
| 9:50am | Ramona Britto,EMBL-EBI "Comprehensive Coverage and Annotation of Proteome Space" (W411) |
| 10:20am | Laura Clarke,European Molecular Biology Laboratory, European Bioinformatics Institute, Vertebrate Genomics "Submitting Data to EMBL-EBI Resources" (W412) |

Sunday - January 15, 2017

| | |
|-------------------------|--|
| 10:50am | Amy Tang,EMBL-European Bioinformatics Institute "Expression Atlas - a Gene and Protein Expression Look-up Tool" (W413) |
| 11:20am | Gary Saunders,EMBL-EBI "Drilling into Experimental Data at the EMBL-EBI Archives" (W414) |
| 11:50am | Sandra Orchard,EMBL-EBI "Omics-DI : Searching the Omics Space" (W415) |
| 12:10pm | Dominic Clark,EMBL-EBI "The EMBL-EBI Industry Program and Ontologies for Agriculture" (W416) |
| 8:00am - 12:40pm | Poultry 2 - SUNSET - MEETING HOUSE Organizers: Behnam Abasht, Department of Animal and Food Sciences, University of Delaware and Huaijun Zhou, University of California, Davis |
| 8:00am | Wesley Warren,Washington University School of Medicine-McDonnell Genome Institute "A Improved Chicken Genome Reference: Recovery of Missing Autosomes and Addition of a New W Chromosome" (W770) |
| 8:20am | Thibaut Hourlier,European Molecular Biology Laboratory - EBI "Genome Annotation of the New Chicken Assembly Gallus_Gallus-5.0" (W771) |
| 8:40am | Fiona McCarthy,University of Arizona "Beyond Annotation: Assigning Function to Chicken ncRNAs" (W772) |
| 9:00am | Richard Kuo,Roslin Institute, University of Edinburgh "Iso-Seq Sequencing and the Chicken Genome Annotation" (W773) |
| 9:20am | Behnam Abasht,Department of Animal and Food Sciences, University of Delaware "RNA-Seq Analyses Reveals High Frequency of Allele Specific Expression and No Evidence of Genomic Imprinting in Specific Embryonic Tissues of Chicken" (W774) |
| 9:40am | Martien A.M. Groenen,Wageningen University "Identification of Deleterious Alleles in Poultry" (W775) |
| 10:00am | Break |
| 10:30am | Richard Crooijmans,Wageningen University "EU-Project Horizon 2020: Innovative Management of Animal Genetic Resources (IMAGE) Specific for Chicken" (W776) |
| 10:50am | Michèle Tixier-Boichard,GABI, INRA, AgroParisTech, Université Paris-Saclay "Disentangling Genetic Exchanges Between <i>Gallus gallus</i> and <i>Gallus sonneratii</i> in Order to Better Understand the Domestication of Chickens" (W777) |
| 11:10am | NC1170 Business Meeting |

Sunday - January 15, 2017

| | |
|------------------|---|
| 8:00am - 12:40pm | Sugar Cane (ICSB) - ROYAL PALM SALON 1-2 Organizers: Paul H. Moore, Centro de Tecnologia Canavieira, Brazil and Nathalie Piperidis, Sugar Research Australia |
| 8:00am | Introductory Remarks |
| 8:10am | Olivier Garsmeur,CIRAD, UMR AGAP "A Reference Sequence of the Monoploid Genome of Sugarcane" (W889) |
| 8:40am | Frederik C Botha,Sugar Research Australia Limited "Development and Plasticity of Photosynthesis in Sugarcane" (W890) |
| 9:10am | Annelie Marquardt,Queensland Alliance of Agriculture and Food Innovation - The University of Queensland - Sugar Research Australia "Yellow Canopy Syndrome Is Associated with Changes in Primary and Secondary Metabolism" (W891) |
| 9:40am | Intermission |
| 9:50am | Jianping Wang,Agronomy Department, University of Florida "Identifying Quantitative Trait Loci Controlling Sugarcane Orange Rust Resistance via Genotyping by Sequencing" (W892) |
| 10:20am | Ray Ming,University of Illinois at Urbana-Champaign "Cell Wall Metabolism and Hexose Allocation Contribute to Biomass Accumulation in Sugarcane" (W893) |
| 10:50am | Robert J. Henry,University of Queensland/QAAFI "The Long and Short of the Sugarcane Transcriptome" (W894) |
| 11:20am | Mona B. Damaj,Texas A&M AgriLife Research and Extension "The CBF1/DREB1C Transcription Factor is a Common Regulator of Hormonal, Biotic and Abiotic Stress Responses in Sugarcane" (W895) |
| 11:50am | Concluding Remarks |
| 8:00am - 6:10pm | Forest Tree - SUNRISE - MEETING HOUSE Organizers: Steve Hanley, Rothamsted Research, Jill L. Wegrzyn, Department of Ecology and Evolutionary Biology - University of Connecticut and Amy Brunner, Department of Forest Resources and Environmental Conservation, Virginia Tech |
| 8:00am | Introductory Remarks |
| 8:05am | Timothy J. Tschaplinski,Oak Ridge National Laboratory "Metabolomic Responses of Down-Regulated p-Coumaroyl Quinate/Shikimate 3'-Hydroxylase (C3'H) and Cinnamate 4-Hydroxylase (C4H) Genes in the Lignin Biosynthetic Pathway of <i>Eucalyptus urophylla</i> X <i>E. grandis</i> with Reduced Recalcitrance" (W349) |
| 8:25am | David Kainer,Australian National University "Genome-Wide Association of Essential Oil Traits in <i>Eucalyptus polybractea</i> using a Low-Depth WGS Pipeline" (W348) |

Sunday - January 15, 2017

| | |
|---------|---|
| 8:45am | Craig H. Carlson,Cornell University "Differential Expression, Regulatory Divergence, and Sex Dimorphism Pervade the Shrub Willow (<i>Salix</i> spp.) Transcriptome" (W337) |
| 9:05am | Dario Grattapaglia,Embrapa Recursos Genéticos e Biotecnologia and Graduate Program in Genomic Sciences - Catholic University of Brasília "Differential Patterns of Genome-Wide Methylation within and between <i>Eucalyptus</i> Clones across Variable Environments" (W339) |
| 9:25am | Albert G. Abbott,Forest Health Research and Education Center, University of Kentucky "Genetic Mapping of Resistance to <i>Phytophthora cinnamomi</i> for American Chestnut Restoration in the Southeastern United States" (W340) |
| 9:45am | Break |
| 10:10am | Jerald D. Noble,University of Florida "Integrating Genome and Transcriptome Data to Predict Growth and Development Traits in <i>Populus deltoides</i>" (W341) |
| 10:30am | Héloïse Bastiaanse,US Forest Service "A Genome-Wide Screen for Genomic Regions Influencing Gravitropism and Tension Wood Formation in <i>Populus</i>" (W343) |
| 10:50am | Evandro Novaes,Universidade Federal de Goias "The Transcriptome of Savanna Species are Less Responsive to Drought Compared to Forest Species of the Neotropical Tabebuia Alliance" (W344) |
| 11:10am | Barbara S. F. Muller,University of Brasília - EMBRAPA "Joint GWAS Analysis for Growth Traits Across Four <i>Eucalyptus</i> Breeding Populations" (W338) |
| 11:30am | Matthew Zinkgraf,UC Forest Service "Comparative Genomics Analysis of Gravitropic Response in a Phylogenetic Survey of Angiosperm Trees" (W345) |
| 11:50am | Jarkko T Salojärvi,University of Helsinki "Population Genomics of Silver Birch" (W346) |
| 12:10pm | Gancho T. Slavov,Institute of Environmental Biological and Rural Sciences (IBERS), Aberystwyth University and Rothamsted Research "Predicting the Forest, but not the Trees: Genome ecology of <i>Populus trichocarpa</i>" (W350) |
| 12:30pm | Lunch |
| 2:00pm | C. Donovan Bailey,New Mexico State University "<i>Leucaena</i> (Leguminosae: Mimosoideae) Genomic Resources and a Novel Means of Recovering Hybrid Parentage from a Combination of Data Sources" (W342) |
| 2:20pm | Hairong Wei,Michigan Technological University "Genome and Evolution of <i>Betula platyphylla</i>" (W347) |

Sunday - January 15, 2017

| | |
|--------------------------|---|
| 2:40pm | Daniela Puiu, Johns Hopkins University, School of Medicine "Preliminary Studies of a Genome Assembly of the California Endemic Oak, <i>Quercus lobata</i> Née (Fagaceae) using Pacific Biosciences and Illumina Sequencing Data" (W351) |
| 3:00pm | U. Uzay Sezen, Department of Ecology and Evolutionary Biology, University of Connecticut "A Reference Draft Genome for Douglas-fir (<i>Pseudotsuga menziesii</i> (Mirb.) Franco)" (W352) |
| 3:20pm | David Chagne, Plant and Food Research "Manuka Genome Assembly using Chromosome Conformation Capture Hi-C Analysis" (W353) |
| 3:40pm | Nanette Christie, Department of Genetics, Forestry and Agricultural Biotechnology Institute (FABI), Genomics Research Institute (GRI), University of Pretoria "A Systems Genetics Browser for Genome-Wide Expression Association Data in Forest Trees" (W335) |
| 4:00pm | Discussion |
| 9:30am - 10:30am | Coffee Break - ATLAS FOYER |
| 10:30am - 12:40pm | Abiotic Stress - GOLDEN BALLROOM Organizer: Henry T. Nguyen, University of Missouri |
| 10:30am | Seyedehmahsa Mousaviderazmahalleh, University of Western Australia "From Climate to the Genome: An Insight Towards Genome-Wide Changes of Wild Narrow-Leaved Lupin in Different Climates" (W001) |
| 10:50am | Sandra K. Truong, Texas A&M University "Bioenergy Sorghum Crop Model Predicts VPD-Limited Transpiration Traits Enhance Biomass Yield in Water-Limited Environments" (W002) |
| 11:10am | Heng Ye, University of Missouri "Genetic Improvement and Molecular Mechanisms of Waterlogging Tolerance in Soybean" (W003) |
| 11:30am | Rupesh Deshmukh, University Laval "Elucidation of Molecular Mechanisms Involved in Silicon Uptake and Derived Stress Tolerance in Plants" (W004) |
| 11:50am | Wenwei Xu, Texas A&M University "Breeding for Drought Tolerance in Maize" (W005) |
| 12:10pm | Francis Kusi, CSIR - Savanna Agricultural Research Institute and CSIR-Savanna Agricultural Research Institute (CSIR-SARI) "Breeding for Abiotic Stress Tolerance Cowpea in West Africa" (W006) |

Sunday - January 15, 2017

| | |
|--------------------------|---|
| 10:30am - 12:40pm | Cacao Advanced Omics Workshop - ROYAL PALM SALON 3-4 Organizers: Mark Guiltinan, The Pennsylvania State University and Siela Maximova, The Pennsylvania State University |
| 10:30am | Xavier Argout,CIRAD, UMR AGAP "The Cacao Criollo Genome v2.0 : An Improved Version of the Genome for Genetic and Functional Genomic Studies" (W098) |
| 10:55am | Claude dePamphilis,Penn State University "Population Genomics of Tropical Tree Species: Implications for Identification of Genetic Components of Disease Resistance in Theobroma Cacao" (W099) |
| 11:20am | Ranjana Bhattacharjee,International Institute of Tropical Agriculture "True-to-Type DNA Fingerprinting of West and Central African Cocoa Germplasm: Implications Towards Cocoa and Chocolate Economy and Sustainability" (W100) |
| 11:45am | Judith K Brown,University of Arizona "Characterization of 21 Cacao Swollen Shoot Viral Genomes Reveals Multiple Species with Diverse Genome Organizations" (W101) |
| 12:10pm | Andrew Fister,The Pennsylvania State University "CRISPR/Cas9 Mediated Mutagenesis of a Supressor of Defense Response in <i>T. cacao</i>" (W102) |
| 10:30am - 12:40pm | Cat & Dog Workshop - ROYAL PALM SALON 5-6 Organizer: Barbara Gandolfi, University of Missouri-Columbia Co-Chair: Brian W. Davis, NHGRI |
| 10:30am | Eva-maria Geigl,Institut Jacques Monod - University Paris Diderot "Ancient DNA to Explore Origin and Spread of the Domestic Cat" (W116) |
| 10:48am | Adam R. Boyko, Cornell University "Contrasting the Genetic Architecture of Complex Traits Between Village Dog Populations and Purebred and Mixed-Breed Dog Cohorts" (W117) |
| 11:06am | Mohini Patil,Affymetrix "Dogs Un-Leashed-New Analysis Tools for the Canine Community" (W118) |
| 11:16am | Fabiana H. G. Farias,Washington University School of Medicine-McDonnell Genome Institute "A Survey of Whole-Genome Variation in Domestic Cats" (W119) |
| 11:34am | Ana Leticia Kolicheski,University of Missouri "Many Kissed Frogs and a Few Princes: Searching Dog Genomes for Causal Variants, Incidental Findings, and Reverse Genetics Associations" (W120) |
| 11:52am | Francesca Bertolini,Iowa State University "A Cat's Eye on Madagascar" (W121) |

Sunday - January 15, 2017

| | |
|--------------------------|---|
| 12:10pm | Dayna L. Dreger,National Human Genome Research Institute, "The Fomni's Dog as a Means to Define 'Breed' and Inform Inter-Species Island Colonization" (W122) |
| 10:30am - 12:40pm | Climate Change and ICRCGC 2 - PACIFIC SALON 2 Chair: Chittaranjan Kole, International Climate Resilient Crop Genomics ConsortiumCo-Chair: Jeffrey D. Ehlers, The Bill and Melinda Gates Foundation |
| 10:30am | Loren H. Rieseberg,University of British Columbia "Adapting Sunflower to Climate Change by Tapping Variation in Its Wild Relatives" (W159) |
| 10:50am | Rajeev K Varshney,ICRISAT "Translational Genomics for Developing Superior and Climate-Change Ready Varieties in Semi-Arid Legume Crops" (W160) |
| 11:10am | Michael Baum,ICARDA "Crop Breeding for the Development of Climate Resilient Crops: Approaches at ICARDA" (W161) |
| 11:30am | Phillip Roberts,University of California-Riverside "TBA" (W162) |
| 11:50am | Paul Gepts,University of California "Exploration of <i>Phaseolus</i> Germplasm for Heat and Drought Tolerance" (W163) |
| 10:30am - 12:40pm | Computational Gene Discovery - PACIFIC SALON 3 Organizer: Mark Borodovsky, Georgia Institute of Technology |
| 10:30am | Mihaela Pertea,McKusick-Nathans Institute of Genetic Medicine, JHU "Efficient and Robust Transcriptome Reconstruction with StringTie" (W194) |
| 10:50am | Felipe A. Simão,University of Geneva Medical School & Swiss Institute of Bioinformatics "Orthodb: Genomics Data in the Light of Evolution" (W195) |
| 11:10am | Anindya Bhattacharya,University of California San Diego "Validation of Proteogenomic Annotations" (W196) |
| 11:30am | Daniel Lang,Helmholtz Center Munich "Integration of Theoretical and Experimental Data on Gene Regulation and Gene Evolution for Improved Genome Annotation" (W197) |
| 11:50am | Oren Tzfadia,Ghent University "High-Throughput 3' End Sequencing Reveals Novel Features in the Tomato Genome" (W198) |
| 12:10pm | Vsevolod Makeev,Vavilov Institute for General Genetics, Russian Academy of Sciences "Predicting Transcription Factor Tissue Specific Binding Profiles" (W199) |

Sunday - January 15, 2017

10:30am - 12:40pm

Functional Genomics - PACIFIC SALON 1

Organizer: David A. Lightfoot, Southern Illinois University

10:30am

Stefania Giacomello,SciLifeLab

"Spatially Resolved Transcriptome Profiling in Model Plant Species" (W376)

10:50am

Vincent Colantonio,Southern Illinois University

"Machine Learning Algorithms for Functional Genomics: Soybean Genomics for Pathogen Resistance" (W377)

11:10am

Baohong Zhang,East Carolina University

"MicroRNA Roles in Cotton Fiber Initiation and Early Development" (W378)

11:30am

David Jordan,University of Queensland

"Sorghum Root Research" (W379)

11:50am

Shaun J Curtin,USDA-ARS

"Crop Functional Genomics Made Easy with CRISPR/Cas9" (W380)

12:10pm

Stig Uggerhøj Andersen,Aarhus University

"The Non-Transgenic *LORE1* Insertion Mutant Collection for Legume Genetics" (W381)

10:30am - 12:40pm

**Genomics of Non-Classical Model Animals - PACIFIC SALON 4-5
(2ND FLOOR)**

Organizer: Aaron Avivi, Institute of Evolution, Haifa University, Israel

10:30am

Jennifer A. Maier,Department of Animal Biology, University of Illinois at Urbana-Champaign

"The Gray Short-Tailed Opossum (*Monodelphis domestica*) in Biomedical Research" (W455)

11:00am

Leslie A. Lyons,University of Missouri-Columbia and University of Missouri

"Cats Genome as a Potential Model for Human Disease" (W456)

11:30am

Brian W. Davis,NHGRI

"Transmissible Tumors Represent a Unique Evolutionary Paradigm in Multiple Species" (W457)

12:00pm

Marc Trolls,Arizona State University

"The Evolution of Cancer Suppression: Solutions to Peto's Paradox Revealed by Genomic Analyses of Elephants and Whales" (W458)

Sunday - January 15, 2017

| | |
|--------------------------|--|
| 10:30am - 12:40pm | Graft Genetics and Genomics - TOWNE - MEETING HOUSE Organizers: Gan-Yuan Zhong, USDA-ARS and Yingzhen Yang, USDA-ARS Grape Genetics Research Unit |
| 10:30am | Welcoming Remarks |
| 10:35am | Margaret Frank,Donald Danforth Plant Science Center "Investigating the Molecular, Physiological, and Architectural Changes that underlie Grafting-Induced Vigor" (W474) |
| 10:55am | Guo-Qing Song,Michigan State University "The Use of Transgenic Rootstock for Improving Nontransgenic Scion Cultivars: Opportunities and Challenges" (W475) |
| 11:15am | Mathew G. Lewsey,La Trobe University "Mobile Small RNAs Regulate Genome-Wide DNA Methylation" (W476) |
| 11:35am | Gennaro Fazio,USDA-ARS "Graft Union Strength of Apple Rootstocks and Hormone Flux through Graft Unions" (W477) |
| 11:55am | Allison Miller,Saint Louis University "Grapevine Rootstock Impacts on Shoot System Phenotypes: Preliminary Data from an Experimental Vineyard in Mount Vernon, MO" (W478) |
| 12:15pm | Liping Chen,Zhejiang University "Heritability and Reversibility of DNA Methylation Induced by <i>in vitro</i> Grafting between Tuber Mustard (<i>Brassica juncea</i>) and Red Cabbage (<i>B. oleracea</i>)" (W479) |
| 10:30am - 12:40pm | Organellar Genetics - PACIFIC SALON 6-7 (2ND FLOOR) Organizer: Michael J. Havey, USDA-ARS and University of Wisconsin Current research on organellar (chloroplast or mitochondrial) genetics and genomics will be presented and discussed. |
| 10:30am | Maureen Hanson,Cornell University "The Organelle RNA Recognition Motif (RRM) Proteins in Plants" (W655) |
| 11:00am | Jesus Beltran,Center for Plant Science Innovation, University of Nebraska, "Evidence of Plastid Influence on Epigenetic Reprogramming in Arabidopsis and Crop Plants" (W656) |
| 11:30am | Renate Horn,University of Rostock "Cytoplasmic Male Sterility Based on the PET2 Cytoplasm in Sunflower" (W657) |
| 12:00pm | Shaun D Jackman,BC Cancer Agency Genome Sciences Centre "Mitochondrial Genome of Sitka Spruce Assembled Using Chromium Reads" (W658) |

Sunday - January 15, 2017

| | |
|--------------------------|--|
| 10:30am - 12:40pm | Plant Chromosome Biology - PACIFIC SALON 1 Organizer: Fangpu Han, Chinese Academy of Sciences |
| 10:30am | R. Kelly Dawe, University of Georgia "Spontaneous and RNAi-Induced Epimutants of a Kinesin Gene Family in Maize" (W677) |
| 10:50am | Gernot Presting, University of Hawaii "Neocentromere Formation and Rapid Turnover of Centromere Repeats are Linked to Maize Domestication" (W678) |
| 11:10am | Youping Wang, Yangzhou University "Cytology and Molecular Analysis on Sterile Mechanism of SaNa-1A CMS derived from Somatic Hybrid between <i>Brassica napus</i> and <i>Sinapis alba</i>" (W679) |
| 11:30am | Bao Liu, Northeast Normal University "Deciphering the Molecular Basis Underlying Rapid Phenotypic Diversity in Plant Allopolyploids" (W680) |
| 11:50am | Adele Zhou, Cornell University "Chromatin Landscape of Meiotic Recombination in Maize" (W681) |
| 12:10pm | Yongbiao Xue, Beijing Institute of Genomics "TBA" (W682) |
| 10:30am - 12:40pm | Polyplody - TOWN AND COUNTRY Organizer: Boulos Chalhoub, UEVE-INRACo-Chair: Corrinne E. Grover, Iowa State University |
| 10:30am | Xiyin Wang, School of Life Sciences "A Gold Standard to Deconvolute Complicated Structures of Plant Genomes with Recursive Polyploidizations" (W736) |
| 10:50am | Z. Jeffrey Chen, The University of Texas at Austin "Dosage and Epigenetic Regulation Contributes to Gene Expression and Evolutionary Novelty in Plant Polyploids" (W737) |
| 11:10am | Julie Ferreira de Carvalho, Netherlands Institute of Ecology (NIOO-KNAW) "Unravelling the Importance of Transposable Elements for Phenotypic Divergence in Triploid Asexual Dandelions" (W738) |
| 11:30am | Xueying Guan, Nanjing Agricultural University "The lncRNA Landscape of Diploid vs. Allotetraploid Cotton Genomes" (W739) |
| 11:50am | Jonathan P. Spoelhof, University of Florida "Chromosomal Composition and Fertility in the Early Generations of Two Resynthesized Allopolyploids in <i>Tragopogon</i> (Asteraceae)" (W740) |
| 12:10pm | John P. Vogel, DOE Joint Genome Institute and University of California, Berkeley "The Genus <i>Brachypodium</i> as a Tool to Study Polyploidy" (W741) |

Sunday - January 15, 2017

| | |
|--------------------------|--|
| 10:30am - 12:40pm | Statistical Genomics - GOLDEN WEST Organizers: Shizhong Xu, Department of Botany & Plant Sciences, University of California - Riverside and Zhenyu Jia, University of California Riverside |
| 10:30am | William Muir,Purdue University "Detection Signatures of Selection in Genomic Data, Lessons Learned from a Replicated Rat Model" (W877) |
| 10:50am | Rong-Cai Yang,University of Alberta "A Tutorial of F-Statistics for Genome-wide Analysis of Population Differentiation" (W878) |
| 11:10am | Gustavo de los Campos,Michigan State University "What Fraction of the Information Contained in an Omic Set Can Be Explained by Other Omics? Theory and Application of Penalized Analysis of Variance for Multi-Layered High Dimensional Inputs" (W879) |
| 11:30am | Huihui Li,CIMMYT "Statistical Genomics in a World of Complete Genome Sequencing" (W880) |
| 11:50am | James Baldwin-Brown,University of California, Irvine "Detecting Quantitative Trait Loci via Experimental Evolution: an Analysis of Power." (W881) |
| 12:10pm | Quan Long,University of Calgary "Improving Genotype-based Phenotype Prediction by Integrating 3D Conformational Information" (W882) |
| 10:30am - 12:40pm | Quinoa and close relatives - ESQUIRE - MEETING HOUSE Organizer: David E Jarvis, King Abdullah University of Science and Technology |
| 10:30am | Peter J. Maughan,Brigham Young University "A PacBio and Hi-C based proximity-guided assembly of Amaranth pseudo chromosomes" (W790) |
| 10:50am | Michael K. Deyholos,University of British Columbia "Betalains and Other Specialized Metabolites of <i>Amaranth</i> spp. Explored using Transcriptomics and Reverse Genetics" (W791) |
| 11:10am | Eibertus N. van Loo,Plant Breeding, Wageningen University & Research "The Chromosome Scaffold Based Quinoa Genome: Its Building and its use to Find the Non-Bitter Mutations in Quinoa" (W792) |
| 11:35am | Hajime Ohyanagi,School of Agriculture, Meiji University "ChenopodiumDB: An Integrated Repository for Population Genomics in genus <i>Chenopodium</i>" (W793) |
| 11:55am | Malia Gehan,Donald Danforth Plant Science Center "High-Throughput Phenotyping of <i>Chenopodium</i> Quinoa Seed, Shoots, and Roots" (W794) |
| 12:15pm | Rick Jellen,Brigham Young University and Brigham Young University "Future Directions for Quinoa and Related Species" (W795) |

Sunday - January 15, 2017

| | |
|------------------|---|
| 12:30pm - 1:30pm | Lunch (Vouchers Provided) - ROYAL PALM COURT & TIKI PAVILION COURT |
| 1:30pm - 3:40pm | Climate Change and ICRCGC 3 - PACIFIC SALON 2 Chair: Chittaranjan Kole, International Climate Resilient Crop Genomics ConsortiumCo-Chair: Jeffrey D. Ehlers, The Bill and Melinda Gates Foundation |
| 1:30pm | Gary Atlin,Bill & Melinda Gates Foundation "TBA" (W165) |
| 1:55pm | Nora Lapitan,U.S. Agency for International Development "Advancing the Use of Genomics in Breeding for Climate Resilient Crops in the Developing World" (W166) |
| 2:20pm | Shadrack R Moephuli,Agricultural Research Council "Strategies for Increasing Resilience to Climate Change and Variability in Southern African Agriculture" (W167) |
| 2:40pm | Antonio Costa De Oliveira,Universidade Federal de Pelotas "Climate Change Genomics in South America" (W164) |
| 3:00pm | Appolinaire Djikeng,BecA-ILRI Hub "TBA" (W168) |
| 3:20pm | Jeffrey D. Ehlers,The Bill and Melinda Gates Foundation "Concluding Remarks" (W170) |
| 1:30pm - 3:40pm | Degraded DNA and Paleogenomics - PACIFIC SALON 3 Organizer: Greger Larson, University of Oxford |
| 1:30pm | Robin G. Allaby,University of Warwick "3,000 Years of Sorghum Genome Evolution: The Birth of a New Crop" (W254) |
| 1:48pm | James Haile,University of Oxford "Tracking Gene Flow Between Wild Boar and Domestic Pigs in (Time and) Space" (W255) |
| 2:06pm | Jessica Hendy,Max Planck Institute for the Science of Human History "Dietary Protein Preservation on Archaeological Pottery" (W256) |
| 2:24pm | Ian Barnes,Natural History Museum "Ancient DNA of Extinct Mammals" (W257) |
| 2:42pm | Daniel G. Bradley,Trinity College Dublin "Ancient Human Genomes, Transitions, Farmers and Language at the Edge of Europe" (W258) |
| 3:00pm | Love Dalen,Swedish Museum of Natural History "Quantifying the Genomic Consequences of Demographic Declines" (W259) |
| 3:18pm | Pontus Skoglund,Harvard Medical School "Population Genomics of Ice Age Gray Wolves" (W260) |

Sunday - January 15, 2017

| | |
|------------------------|---|
| 3:36pm | Beth Shapiro,Department of Ecology and Evolutionary Biology, University of California Santa Cruz "Passenger Pigeon Genomics: Take III" (W261) |
| 1:30pm - 3:40pm | Grape Genome Initiative - PACIFIC SALON 6-7 (2ND FLOOR) Organizer: Grant R. Cramer, University of Nevada, Reno |
| 1:30pm | Grant R. Cramer,University of Nevada, Reno and University of Nevada, Reno "Network Analysis of the Late Stages of Grape Berry Ripening" (W485) |
| 1:50pm | Carlos M Rodriguez Lopez,University of Adelaide "Multi-Omics Data Integration for Genome by Environment Interactions Analysis in <i>Vitis vinifera</i>" (W486) |
| 2:10pm | Dario Cantu,University of California "Beyond the Grape Genome: Construction of a Vineyard Metagenome Reference" (W487) |
| 2:30pm | Yongfeng Zhou,University of California, Irvine "Domestication Genomics of Grapes" (W488) |
| 2:50pm | Davide Scaglione,IGA Technology Services "Pan Genome and Structural Variation Analysis using different Approaches for <i>de novo</i> Assembly and Haplotype Reconstruction" (W489) |
| 3:10pm | Sushma Naithani,Department of Botany & Plant Pathology, Oregon State University "Resources for Comparative Pathway Analysis for Grapevine" (W490) |
| 1:30pm - 3:40pm | JBrowse, a Next Generation Genome Browser - CALIFORNIA Organizer: Scott Cain, Ontario Institute for Cancer Research A Hands on Workshop for Installing, Configuring and Using Your Own JBrowse |
| 1:30pm | Scott Cain,Ontario Institute for Cancer Research "Jbrowse Workshop" (W584) |
| 1:30pm - 3:40pm | National Plant Genome Initiative Workshop - Challenges and Opportunities in High-Throughput Phenotyping and Data Management - SAN DIEGO Organizers: Catherine Ronning, U.S. Dept. of Energy, Diane Jofuku Okamuro, National Science Foundation, Jack K. Okamuro, USDA ARS and Ed Kaleikau, USDA NIFA |
| 1:30pm | Catherine Ronning,U.S. Dept. of Energy "Welcome and Ws Goals" |
| 1:45pm | Natalia de Leon,University of Wisconsin-Madison "Genomes to Field" |
| 2:00pm | Jesse Poland,Kansas State University "Automated Field-Based Phenotyping" |
| 2:15pm | Todd C. Mockler,Donald Danforth Plant Science Center "Automated Field-Based Phenotyping" |

Sunday - January 15, 2017

| | |
|------------------------|--|
| 2:30pm | Kelly Robbins,Cornell University "Gobii" |
| 2:45pm | Joe Cornelius,ARPA-E "Roots" |
| 3:00pm | Edward S. Buckler,USDA-ARS-Cornell University "Innovations in Crop Functional Diversity Analysis" |
| 1:30pm - 3:40pm | Non-coding RNA - ROYAL PALM SALON 3-4 Organizers: Jan Gorodkin, Center for non-coding RNA in Technology and Health, Department of Veterinary Clinical and Animal Sciences, University of Copenhagen and Keith Adams, University of British Columbia |
| 1:30pm | Zhihua Jiang,Washington State University "Non-Coding RNAs: Striking Features in Use of Alternative Polyadenylation Sites" (W631) |
| 1:50pm | J. Allan Feurtado,National Research Council Canada "Wax-on, Wax-Off: ncRNA Mediate Control of Glaucousness in Wheat" (W632) |
| 2:10pm | Sarah Djebali,INRA "A Study of Pig Chromosome X lncRNA Expression" (W633) |
| 2:30pm | Adam Frankish,Wellcome Trust Sanger Institute "Annotating Non-Coding Loci in Ensembl and Ensembl Genomes" (W634) |
| 2:50pm | Andrew DL Nelson,School of Plant Sciences, University of Arizona "Comparative Genomic and Transcriptomic Analysis of lincRNA Evolution in Plants and Mammals using Evolinc" (W635) |
| 3:10pm | Tasia M. Taxis,USDA/ARS "Differential Expression of Small Non-Coding RNAs in Serum from Cattle Challenged with Viruses Causing Bovine Respiratory Disease" (W636) |
| 1:30pm - 3:40pm | Ornamentals - ESQUIRE - MEETING HOUSE Organizer: Mohammed Bendahmane, Ecole Normale Supérieure |
| 1:30pm | Aureliano Bombaré,Virginia Polytechnic Institute and State University, Department of Horticulture "Analysis of the Genome Architectures for <i>Petunia hybrida</i> and its Wild Relatives" (W659) |
| 1:48pm | Jeremy Just,Ecole Normale Supérieure "Rose Genome Sequencing" (W660) |
| 2:06pm | Tom Ruttkin,ILVO Plant Sciences Unit "Building Bridges: Integrating <i>in situ</i> HiC and Molecular Cytogenetics to Reconstruct <i>Rosa wichurana</i> Pseudochromosomes" (W661) |

Sunday - January 15, 2017

| | |
|------------------------|--|
| 2:24pm | Marinus J. M. Smulders,Wageningen University & Research, Plant Breeding "High-Density SNP Maps in Garden Rose and Cut Rose, and Synteny with <i>Fragaria</i>" (W662) |
| 2:42pm | David Byrne,Texas A&M University, Department of Horticultural Sciences "The Development of a Dense SNP-Based Consensus Map and QTL Detection for Black Spot Resistance in Five Diploid Rose Populations" (W663) |
| 3:00pm | Paul Arens,Wageningen UR "Mapping of <i>Botrytis</i> Resistance in <i>Gerbera</i> and Validation of Candidate Genes" (W664) |
| 3:18pm | Arwa Shahin,Royal van Zanten Company "Breeding Signature and Mode of Inheritance in the Tetraploid <i>Alstroemeria</i>" (W665) |
| 1:30pm - 3:40pm | Palm Genetics and Genomics - TOWNE - MEETING HOUSE Organizer: Frederique Aberlenc-Bertossi, IRD |
| 1:30pm | Emira Cherif,IRD: French National Research Institute for Sustainable Development "Genetic Structuration of Date Palm Populations" (W666) |
| 1:50pm | Michael D. Purugganan,New York University "Population Genomics of Date Palms" (W667) |
| 2:10pm | Joel A. Malek,Weill Cornell Medical College "Genomics of Commercially Important Traits in Date Palm (<i>Phoenix dactylifera</i>)" (W668) |
| 2:30pm | Craig F. Barrett,West Virginia University "Genome Evolution and Diversification in Palms" (W669) |
| 2:50pm | Alix Augusto Armero,Centre de coopération internationale en recherche agronomique pour le développement (CIRAD) "Improving Genomic Resources in Coconut and Finding Clues to Plant Breeding Using Comparative Genomics" (W670) |
| 1:30pm - 3:40pm | Plant Cytogenetics - PACIFIC SALON 4-5 (2ND FLOOR) Organizers: James Higgins, University of Leicester and Eugenio Sanchez-Moran, University of Birmingham |
| 1:30pm | Kulvinder Gill,Washington State University "Unique Expression Pattern, Insertions/Deletions and Alternate Splicing Evolved the Novel Function of the Ph1 Gene of Wheat" (W683) |
| 1:50pm | Mischa Olson,Cornell University "Mechanisms of Meiotic Prophase are Disrupted in Neopolyploid Maize" (W684) |
| 2:10pm | Chris Franklin,University of Birmingham "Evolution of Chiasma Patterning: A Route to Stable Polyploids?" (W685) |

Sunday - January 15, 2017

| | |
|------------------------|---|
| 2:30pm | Isabelle Colas,The James Hutton Institute "Bringing Light to Barley Meiosis" (W686) |
| 2:50pm | Wanqi Liang,Shanghai JiaoTong University "Function of an E3 Ligase in Rice Meiotic Progression" (W687) |
| 3:10pm | Marina Martinez Garcia,University of Birmingham "Topoisomerase II is Required for Programmed Chromosome Reorganization during Meiosis and Mitosis in Plants" (W688) |
| 1:30pm - 3:40pm | Plant Genome Engineering - TOWN AND COUNTRY Organizers: Dan Voytas, University of Minnesota and Yinong Yang, Pennsylvania State University |
| 1:30pm | Keiji Nishida,Kobe University "Genome Editing by Targeted Deaminase" (W695) |
| 1:55pm | Steve Jacobsen,University of California at Los Angeles "Targeted Epigenetic Modification in Plants" (W696) |
| 2:20pm | Rene Ruiter,Bayer Crop Science "Crop Improvement Through Targeted Genome Optimization Requires More Than Scissors" (W697) |
| 2:45pm | Bing Yang,Iowa State University "Talen- and CRISPR/Cas9-Based Gene Editing in Maize and Rice" (W698) |
| 3:10pm | Fredy Altpeter,Agronomy Department, University of Florida "Genetic Improvement of Sugarcane by Targeted Loss- or Gain of Function Mutations using TALEN or CRISPR-Cas9" (W699) |
| 1:30pm - 3:40pm | Plant Reproductive Genomics - SUNSET - MEETING HOUSE Organizer: Jim Leebens-Mack, University of Georgia |
| 1:30pm | Abdelhafid Bendahmane,INRA "Sex Determination Pathway in Cucurbits" (W717) |
| 1:50pm | Alex Harkess,Donald Danforth Plant Science Center "Divergence of X and Y Chromosomes in Asparagus" (W718) |
| 2:10pm | Brian Sanderson,Texas Tech University "Sexual Dimorphism and the Evolution of Sex-Biased and Sex-Limited Genes in the Dioecious Tree <i>Populus balsamifera</i>" (W719) |
| 2:30pm | Stuart McDaniel,University of Florida "Sexual Dimorphism in Growth, Gene Expression, and Metabolite Profile in Early Moss Development" (W720) |
| 2:50pm | Frederic Berger,Gregor Mendel Institute of Molecular Plant Biology "Towards the Origin of Sexual Reproduction in Plants: Neofunctionalization of a MYB Transcription Factor Is Linked to Male Gametogenesis in Land Plant Ancestors" (W721) |
| 3:10pm | Zhongchi Liu,University of Maryland "The Making of Fruit: Genomic Approaches to Understand Fruit Set in Wild Strawberry" (W722) |

Sunday - January 15, 2017

| | |
|-----------------|---|
| 1:30pm - 3:40pm | Rice Functional Genomics - ROYAL PALM SALON 5-6 Organizers: Mingsheng Chen, IGDB, Chinese Academy of Sciences, Guo-Liang Wang, The Ohio State University and Hiroyuki Tsuji, Kihara Institute for Biological Research, Yokohama City University |
| 1:30pm | Rod A. Wing, Arizona Genomics Institute, University of Arizona "Harnessing 15 Million Years of <i>Oryza</i> Genome Evolution to Help Solve the 10-Billion People Question?" (W808) |
| 1:50pm | Manyuan Long, University "Rapid Evolution of New Genes in <i>Oryza</i> Genomes" (W809) |
| 2:10pm | Kenji Yano, The University of Tokyo "Genome-Wide Association Study using Whole-Genome Sequencing Rapidly Identifies New Genes Influencing Agronomic Traits in Rice" (W810) |
| 2:30pm | Jie Luo, Huazhong Agricultural University "Dissection of Metabolic and Phenotypic Traits in Major Crops" (W811) |
| 2:50pm | Yuese Ning, Institute of Plant Protection, Chinese Academy of Agricultural Sciences "Dissection of the Molecular Mechanism of Rice Immunity Against <i>Magnaporthe oryzae</i>" (W812) |
| 3:10pm | Jinfeng Chen, University of Riverside, California "On the Origin of Burst of MITE Element mPing in Rice Population" (W813) |
| 1:30pm - 3:40pm | Sugar Cane Sequencing Initiative - ROYAL PALM SALON 1-2 Organizers: Glaucia M. Souza, Universidade de São Paulo (USP), Robert Henry, University of Queensland QAAFI and Ray Ming, University of Illinois at Urbana-Champaign |
| 1:30pm | Milton Y. Nishiyama Junior, Special Laboratory of Applied Toxicology, Butantan Institute "Insights into Signaling and Regulation of Gene Expression in the Highly Polyploid Sugarcane" (W896) |
| 1:50pm | Anete P Souza, University of Campinas - UNICAMP "Genetic Variations in a Complex Polyploid: Unveiling the Sugarcane Allelic Dynamics" (W897) |
| 2:10pm | Jeremy Shearman, National Center for Genetic Engineering and Biotechnology "The <i>Saccharum</i> Mitochondrial Genome" (W898) |
| 2:30pm | Jianping Wang, Agronomy Department, University of Florida "Target Enrichment Sequencing of 300 Representative Accessions in the Sugarcane World Germplasm Collection" (W899) |

Sunday - January 15, 2017

| | |
|------------------------|--|
| 2:50pm | Jisen Zhang,Center for Genomics and Biotechnology, Fujian Provincial Key laboratory of Haixia applied plant systems biology, Haixia Institute of Science and Technology,Fujian Agriculture and Forestry University "Ultra High Density Mapping of the <i>Saccharum spontaneum</i> Genome" (W900) |
| 3:10pm | Marcio C Silva-Filho,Laboratório de Biologia Molecular de Plantas, ESALQ, USP. "Structural and Functional Characterization of SUGARWINs and their Role in Plant Defense" (W901) |
| 1:30pm - 3:40pm | Transposable Elements - GOLDEN BALLROOM Organizers: Jianxin Ma, Purdue University and Olivier Panaud, University of Perpignan |
| 1:30pm | Marie-Anne Van Sluys,Universidade de Sao Paulo "Virus-like Attachment Sites as Structural Landmarks of Plants Retrotransposons" (W954) |
| 1:48pm | Hadi Quesneville,URGI, Versailles "De novo Annotation of Transposable Elements: Tackling the Fat Genome Issue" (W951) |
| 2:06pm | Etienne Bucher,Institut de Recherche en Horticulture et Semences "Mobilized Transposable Elements As a Tool for Crop Improvement" (W952) |
| 2:24pm | Sophie Lanciano,Institut of Research for Development (IRD) "Specific Sequencing of Mobilomes Reveals Real Time Transposable Element Activity in Rice" (W953) |
| 2:42pm | Sarah N Anderson,University of Minnesota, Twin Cities "Dynamic Transposable Element Expression Across Development in Maize" (W955) |
| 1:30pm - 6:10pm | NRSP-8 Animal Genome - GOLDEN WEST Organizer: Huaijun Zhou, University of California, Davis |
| 1:30pm | Zhanjiang Liu,Auburn University; The Fish Molecular Genetics and Biotechnology Laboratory "Underwater Genomics: Exploiting Fishes' Unique Biology to Meet the Needs of the Aquaculture Industry" (W643) |
| 2:15pm | Noelle Cockett,Utah State University "Recent Advancements in Sheep Genomics Research" (W644) |
| 2:55pm | Claire Rogel-Gaillard,GABI, INRA, AgroParisTech, Université Paris-Saclay "Microbiomes As Actors of Host Phenotype Variability: An Increasing Research Field in Animal Biology" (W645) |
| 3:35pm | Huaijun Zhou,University of California, Davis "Break" (W646) |

Sunday - January 15, 2017

| | |
|------------------------|--|
| 3:55pm | Gerald Quon,University of California, Davis "Computational Integration of Epigenomic and Functional Genomic Data for Fine-Mapping Complex Trait Loci" (W647) |
| 4:35pm | Trey Ideker,University of California, San Diego "Building Hierarchical Models of the Cell from Genomics Data" (W648) |
| 5:15pm | Huaijun Zhou,University of California, Davis "NRSP-8 Business meeting" (W649) |
| 3:00pm - 4:00pm | Coffee Break - GRAND EXHIBIT HALL |
| 3:00pm - 8:30pm | Exhibits Open - GRAND EXHIBIT HALL |
| 4:00pm - 6:10pm | Coffee Genomics - PACIFIC SALON 3 Organizers: Marcela Yepes, Cornell University/ School of Integrative Plant Sciences/ Plant Pathology and Plant Microbe Biology Section and Philippe Lashermes, Institut de Recherche pour le Développement |
| 4:00pm | Carlos Ernesto Maldonado,Centro Nacional de Investigaciones de Café, CENICAFE "Using PacBio Long-Reads to Generate High Quality References for the Allotetraploid <i>Coffea arabica</i> and Its Diploid Maternal Ancestor <i>C. eugenoides</i>: characterization of Genomic Regions Containing QTLs for Yield, Plant Height, and Bean Size" (W171) |
| 4:40pm | Lucio Navarro,Centro Nacional de Investigaciones de Cafe, CENICAFE "Insights from the Genome of the Major Coffee Insect Pest Worldwide: The Coffee Berry Borer" (W172) |
| 4:56pm | Alan C. Andrade,Embrapa Café/INOVACAFÉ - UFLA "Towards GWAS and Genomic Prediction in Coffee: Development and Validation of a 26K SNP Chip for <i>Coffea canephora</i>" (W173) |
| 5:12pm | Luis Felipe V. Ferrão,University of São Paulo (ESALQ/USP) "Comparison of Statistical Methods and Reliability of Genomic Prediction in <i>Coffea canephora</i> Populations" (W174) |
| 5:28pm | Kassahun Tesfaye,Addis Ababa University "Coffee Forest Biodiversity and Implications for Multi-Site <i>in situ</i> Conservation Approach in the Afromontane Rainforests of Ethiopia" (W175) |
| 5:44pm | Allen Van Deynze,University of California "Update on the Sequencing of the <i>Coffea arabica</i> Variety, Geisha" (W176) |

Sunday - January 15, 2017

| | |
|-----------------|--|
| 4:00pm - 6:10pm | Cucurbit Genomics - PACIFIC SALON 4-5 (2ND FLOOR) Organizers: Amnon Levi, USDA-ARS, U.S. Vegetable Laboratory and Yaakov (Kobi) Tadmor, Agricultural Research Organization, Newe Ya'ar Research Center Co-Chair: Patrick Wechter, USDA-ARS |
| 4:00pm | Heather Rose Kates, University of Florida "Determining Genetic Relationships among all Wild and Domesticated <i>Cucurbita</i> species Provides a Framework for Domestication Genetics Studies in <i>Cucurbita</i>" (W231) |
| 4:20pm | Shaogui Guo, Beijing Academy of Agriculture and Forestry Sciences "Genome Variation Elucidates Evolution and Domestication of Fruit Ripening and Quality Traits in Watermelon" (W232) |
| 4:40pm | Yi Ren, National, Beijing Academy of Agriculture and Forestry Sciences "A Tonoplast Sugar Transporter Mediates Sugar Accumulation in Dessert Watermelon (<i>Citrullus lanatus</i>) Fruit" (W233) |
| 5:00pm | Sandra E. Branham, USDA-ARS "Quantitative Trait Loci Mapping of Resistance to <i>Fusarium oxysporum</i> f. sp. <i>niveum</i> race 2 in <i>Citrullus lanatus</i> var. <i>Citroides</i> using Genotyping-by-Sequencing (GBS)" (W234) |
| 5:20pm | Ryoichi Yano, Faculty of Life and Environmental Sciences, Univ of Tsukuba "Development of "Melonet-DB" Gene Expression Database for Functional Genomics Research of Muskmelon" (W235) |
| 5:40pm | Yiqun Weng, USDA ARS/ University of Wisconsin "Cucumber Hypocotyl Elongation Mutants Reveal New Players in Plant UVB Signaling" (W236) |
| 4:00pm - 6:10pm | Domestication Genomics - PACIFIC SALON 2 Organizers: Allison Miller, Saint Louis University and Briana L. Gross, University of Minnesota Duluth |
| 4:00pm | J. Chris Pires, Division of Biological Sciences, University of Missouri "The Origin and Diversity of <i>Brassica napus</i> from <i>Brassica rapa</i> and <i>Brassica oleracea</i>" (W271) |
| 4:20pm | Briana L. Gross, University of Minnesota Duluth "Patterns of Variation in Wild and Domesticated Apple" (W272) |
| 4:40pm | Emily Warschefsky, Florida International University "Domestication Genetics of the Mango (<i>Mangifera indica</i> L.)" (W273) |
| 5:00pm | Nyree Zerega, Northwestern University and the Chicago Botanic Garden "Domestication, Diversity, and Distribution History of Breadfruit (<i>Artocarpus altilis</i>, Moraceae), a Priority Underutilized Staple Crop" (W274) |
| 5:20pm | Laurent Frantz, University of Oxford "Decoding Animal Domestication with Palaeogenetics" (W275) |
| 5:40pm | Martien A.M. Groenen, Wageningen University "Evolutionary History, Selective Sweeps and Deleterious Variation in the Pig" (W276) |

Sunday - January 15, 2017

| | |
|------------------------|--|
| 4:00pm - 6:10pm | Fungal Genomics - ROYAL PALM SALON 3-4 Organizer: Stephen B. Goodwin, USDA ARS |
| 4:00pm | Introductory Remarks |
| 4:05pm | Eduard Akhunov, Kansas State University, Manhattan, KS "Dissecting the Genomic Architecture of <i>Puccinia graminis</i> f. sp. <i>tritici</i> – Wheat Interaction" (W388) |
| 4:25pm | Carlos M Rodriguez Lopez, University of Adelaide "Botrytis cinerea Loss and Restoration of Virulence during <i>in vitro</i> Culture Follows Flux in Global DNA Methylation" (W389) |
| 4:45pm | Burt H. Bluhm, University of Arkansas "Genomics of Cercospora" (W390) |
| 5:05pm | Daniel Cullen, USDA Forest Products Laboratory "Basidiomycete Genomics" (W391) |
| 5:25pm | Robert Riley, U.S. Department of Energy Joint Genome Institute "A New Genetic Code in Yeasts" (W392) |
| 5:45pm | Hala Badr Khalil, Agriculture and Agrifood Canada "A New Approach: Detection of Fungal and Wheat Genes Involved in Leaf Rust Disease by Transcript Expression Associations" (W393) |
| 4:00pm - 6:10pm | Genomics of Plant Development - PACIFIC SALON 6-7 (2ND FLOOR) Organizer: Khalid Meksem, Department of Plant Soil and Agricultural Systems, SIUC |
| 4:00pm | James L. Weller, School of Biological Sciences, University of Tasmania "Identification of Late BLOOMER2 As a Cycling Dof Factor Homolog Reveals Conserved and Divergent Features of the Flowering Response to Photoperiod in Pea" (W459) |
| 4:25pm | Dr. Senthil Subramanian, South Dakota State University "microRNA and Gene Regulatory Networks Governing Soybean Nodule Development" (W460) |
| 4:50pm | Silvio Salvi, Department of Agricultural Sciences, University of Bologna "A New Maize Tassel-Seed Mutant is under the Control of a Two-Locus System" (W461) |
| 5:15pm | Raju Datla, National Research Council Canada "Developmental and Gene Expression Programs in Wheat Grain" (W462) |
| 5:40pm | Moussa Benhamed, Institute of Plant Sciences - Paris-Saclay "Chromatin Architecture: A New Dimension in the Dynamic Control of Gene Expression" (W463) |
| 6:05pm | Baohong Zhang, East Carolina University "MicroRNA Roles in Cotton Fiber Initiation and Early Development" (W464) |

Sunday - January 15, 2017

| | |
|-----------------|--|
| 4:00pm - 6:10pm | International Cotton Genome Initiative (ICGI) - SUNSET - MEETING HOUSE Organizers: John Z. Yu, USDA-ARS, Southern Plains Agricultural Research Center and David M. Stelly, Texas A&M University |
| 4:00pm | Don C. Jones,Cotton Incorporated "Introduction and Update" (W521) |
| 4:10pm | Yuxian Zhu,College of Life Sciences, Peking University "Sequence Assembly, Evolution and Functional Application of the Cotton Genomes" (W522) |
| 4:30pm | Brian G. Ayre,University of North Texas "Functional and Genomic Analysis of Cotton Growth Habit: Branching Architecture is Regulated by the <i>Gossypium hirsutum</i> Single Flower Truss and Self Pruning Orthologs" (W523) |
| 4:50pm | Xiao-Ya Chen,Shanghai Institute of Plant Physiology and Ecology, Shanghai Institutes for Biological Sciences, Chinese Academy of Sciences. "Characterization of Transcription Factors Regulating Cotton Fiber Elongation" (W524) |
| 5:10pm | Gregory Thyssen,Cotton Chemistry and Utilization Unit, USDA-ARS-SRRC "The GhTT2_A07 Gene Is Linked to the Brown Color and Natural Flame Retardancy Phenotypes of <i>Lc1</i> Cotton (<i>Gossypium hirsutum</i> L.) Fibers" (W525) |
| 5:30pm | Shuangxia Jin,Huazhong Agricultural University "The Application of T-DNA Insertion and CRISPR/Cas 9 System in Cotton for Functional Genomic Research" (W526) |
| 5:50pm | John Z. Yu,USDA-ARS, Southern Plains Agricultural Research Center "1-Minute Oral Presentations on Cotton Genomics" (W527) |
| 4:00pm - 6:10pm | Recombination - mechanisms - PACIFIC SALON 1 Organizer: Wojtek Pawlowski, Cornell University - Section of Plant Biology, School of Integrative Plant Science |
| 4:00pm | Charles White,Centre National de Recherche Scientifique "DMC1, RAD51 and Meiotic Recombination in Arabidopsis" (W796) |
| 4:20pm | Marie-Therese Kurzbauer,Department of Chromosome Biology, Max F. Perutz Laboratories, University of Vienna "Understanding and Controlling Meiotic Recombination in Plants" (W797) |
| 4:40pm | Eugenio Sanchez-Moran,University of Birmingham "Control of Meiotic Recombination by the Phosphorylation of Chromosome Axis ASY1 Protein" (W798) |
| 5:00pm | Cathy Melamed-Bessudo,Weizmann Institute of Science "What Makes DNA Recombination Hot" (W799) |

Sunday - January 15, 2017

| | |
|------------------------|--|
| 5:20pm | Jiyue Huang,State Key Lab of Genet Eng, Sch of Life Sci., Fudan Univ. "DNA Polymerase Epsilon Is a Key Component of the Meiotic Recombination Pathway" (W800) |
| 5:40pm | Penny Kianian,University of Minnesota "Investigating Differences in Meiotic Recombination Patterns Between Male and Female Meiosis Using High-Resolution Crossover Mapping in Maize" (W801) |
| 4:00pm - 6:10pm | Sequencing Complex Genomes - GOLDEN BALLROOM Organizer: Robert Henry, University of Queensland QAAFI |
| 4:00pm | Yinping Jiao,Cold Spring Harbor Laboratory/USDA-ARS "The Complex Sequence Landscape of Maize Revealed by Single Molecule Technologies" (W820) |
| 4:20pm | Jianwei Zhang,Arizona Genomics Institute and Huazhong Agricultural University "A Case Study from Reseq to Refseq-Two High-Quality Reference Genome Sequences for <i>indica</i> Rice" (W821) |
| 4:40pm | Adam Healey,University of Queensland "Sequencing the Branches of the Eucalypt Tree: Comparison Between <i>Eucalyptus</i> and <i>Corymbia</i> Genomes" (W822) |
| 5:00pm | Susan R. Strickler,Boyce Thompson Institute "The Genome of the Tetraploid <i>arabica</i> Coffee and its Diploid Ancestors" (W823) |
| 5:20pm | Giovanni Giuliano,Italian National Agency for New Technologies, Energy and Sustainable Development "The Eggplant Genome Reveals Key Events in Solanaceae Evolution" (W824) |
| 5:40pm | Karen S. Aitken,CSIRO Agriculture and Food "Update on the Sugarcane Genome Sequence" (W825) |
| 4:00pm - 6:10pm | Sex Chromosomes and sex determination - ROYAL PALM SALON 5-6 Organizers: Ray Ming, University of Illinois at Urbana-Champaign and Abdelhafid Bendahmane, INRA |
| 4:00pm | Catherine Montchamp-Moreau,Évolution, Génomes, Comportement, Écologie, CNRS, IRD, Université Paris-Sud and Université Paris-Saclay "Rapid Evolution of a Y-Chromosome Heterochromatin Protein Underlies Sex Chromosome Meiotic Drive" (W826) |
| 4:20pm | Wansheng Liu,Department of Animal Science, Penn State University "The Bovine PRAMEY - an Example of Autosome-to-Y-Chromosome Transposition to Enhance Male Reproduction" (W827) |
| 4:40pm | Dmitry A. Filatov,University of Oxford "Evolution of Sex Chromosomes in Silene" (W828) |

Sunday - January 15, 2017

| | |
|------------------------|---|
| 5:00pm | William Wadlington,University of Illinois at Urbana-Champaign "Genomic Analysis of the Sex Determining Region of the Sex Chromosomes in Spinach" (W829) |
| 5:20pm | Jacob A. Tennessen,Oregon State University "Homologous Sex Determination across Octoploid Strawberry Species via a Conserved Gene with a Shifting Genomic Location" (W830) |
| 5:40pm | Frederique Aberlenc-Bertossi,IRD "Sex Determination in Date Palm" (W831) |
| 4:00pm - 6:10pm | Tripal Database Network and Initiatives - CALIFORNIA Organizers: Stephen P. Ficklin, Washington State University and Lacey-Anne Sanderson, University of Saskatchewan |
| 4:00pm | Stephen P. Ficklin,Washington State University "Tripal Introduction and Core Development Efforts" (W956) |
| 4:25pm | Katheryn Buble,Washington State University "Development of TripalMap" (W957) |
| 4:40pm | Lacey-Anne Sanderson,University of Saskatchewan "Extending Tripal for Community-Based Management and Distribution of Genotypic and Phenotypic Data" (W958) |
| 4:55pm | Nic Herndon,University of Connecticut "CartograTree Workflows with Tripal API for Association Mapping in Forest Trees" (W959) |
| 5:10pm | Sook Jung,Washington State University "Mainlab Chado Loader, Chado Data Display and Chado Search for Sequence, Map, Marker, QTL, Genotype, Phenotype and Germplasm Data" (W960) |
| 5:25pm | Sudhansu Dash,National Center for Genome Resources (NCGR) "Customizing Tripal Sites with Non-Tripal Components at the Legume Information System and Peanutbase" (W961) |
| 5:40pm | Christopher Childers,USDA/Agricultural Research Service/National Agricultural Library "The i5k Workspace@Nal" (W962) |
| 5:55pm | Margaret Staton,University of Tennessee, Knoxville "New Tripal Extensions: Elasticsearch and Gene Expression Visualization" (W963) |
| 4:00pm - 6:10pm | Farm Animal Genome Editing - ESQUIRE - MEETING HOUSE Organizer: C. Bruce Whitelaw, The Roslin Institute and R(D)SVS, University of Edinburgh |

Sunday - January 15, 2017

| | |
|-----------------|---|
| 4:00pm - 6:10pm | New breeding technologies: Prospects and regulatory hurdles - ROYAL PALM SALON 1-2 Organizer: Thorben Sprink, Julius Kühn Institut Co-Chair: Frank Hartung, Julius Kühn Institut |
| 4:00pm | Frank Hartung,Julius Kühn Institut "Introduction to New Breeding Techniques" (W619) |
| 4:10pm | Alison Van Eenennaam,University of California, Davis "Do Kingdoms Matter? Regulation of Animal Breeding Technologies. " (W620) |
| 4:30pm | Friedrich Fausser,Princeton University "Genome Engineering & High-Throughput Phenotyping in Plants" (W621) |
| 4:50pm | Werner Schenkel,Federal Office of Consumer Protection and Food Safety Germany "To be or not to be GMO? Application of European GMO Regulation in Times of Genome Editing" (W622) |
| 5:10pm | Sol Ortiz García,Intersecretarial Commission on Biosafety of Genetically Modified Organisms CIBIOGEM "NPBT: Building Consensus for Regulatory Approaches in Mexico" (W623) |
| 5:30pm | Neil E. Hoffman,USDA-APHIS-BRS "USDA Regulation of Products of Biotechnology" (W624) |
| 5:50pm | Heather Shearer,Canadian Food Inspection Agency "Environmental Release of Plants with Novel Traits in Canada: A Product-Based Approach to Regulatory Oversight" (W625) |
| 6:15pm - 7:00pm | Plenary Lecture: Scott Kennedy - TOWN & COUNTRY BALLROOM Chair: Alison Van Eenennaam, University of California, Davis This is the opening plenary lecture |
| 6:15pm | Scott Hamilton Kennedy,Black Valley Films "Food and Film: A Search for Nuance in the Struggle Between Art and Activism" |
| 7:00pm - 8:30pm | Opening Reception - GRAND EXHIBIT HALL |

Monday - January 16, 2017

| | |
|--------------------------|--|
| 7:00am - 8:00am | Continental Breakfast - GOLDEN BALLROOM |
| 7:00am - 5:00pm | Registration - ATLAS FOYER |
| 7:00am - 9:00pm | Poster Access - GRAND EXHIBIT HALL |
| 8:00am - 8:45am | Plenary Lecture: Clare M. Fraser - TOWN & COUNTRY BALLROOM Chair: Catherine Feuillet, Bayer CropScience |
| 8:00am | Clare M. Fraser, University of Maryland School of Medicine "The Gut Microbiome in Health and Disease" |
| 8:45am - 9:30am | Plenary Lecture: Rob Martienssen - TOWN & COUNTRY BALLROOM Chair: Catherine Feuillet, Bayer CropScience |
| 8:45am | Rob Martienssen, HHMI-GBMF Cold Spring Harbor Laboratory "Germline Reprogramming and Epigenetic Inheritance in Plants: How to Avoid Bad Karma" |
| 9:30am - 11:30am | Coffee Break - GRAND EXHIBIT HALL |
| 9:30am - 12:30pm | AgBioData Workshop - GARDEN SALON 1 Organizer: Lisa Harper, USDA ARS |
| 9:30am - 5:00pm | Exhibits Open - GRAND EXHIBIT HALL |
| 10:00am - 11:30am | Poster Session - Even Numbers - GRAND EXHIBIT HALL |
| 11:30am - 3:00pm | International Sheep Genomics Consortium - TOWNE - MEETING HOUSE Organizer: Noelle Cockett, Utah State University Co-Chair: James Kijas, CSIRO Agriculture |
| 11:30am | Kim C. Worley, Baylor College of Medicine "Update on Rambouillet Assembly, the v5.0 Reference, and Plans for FAANG RNA Sequencing" (W544) |
| 11:50am | Emily L. Clark, The Roslin Institute and R(D)SVS, University of Edinburgh "Functional Annotation of the Sheep (<i>Ovis aries</i>) Genome" (W545) |
| 12:10pm | James Kijas, CSIRO Agriculture "A Comparative Functional Annotation and Enrichment in Selection Sweeps" (W546) |
| 12:30pm | Michael P. Heaton, USDA, ARS, U.S. Meat Animal Research Center (USMARC) "Using an Online Genome Resource to Identify Protein Variants in U.S. Sheep" (W547) |

Monday - January 16, 2017

| | |
|--------------------------|--|
| 12:50pm | Alisha T. Massa,Washington State University "Genome-Wide Landscape of Active Enhancers in Sheep Alveolar Macrophages" (W548) |
| 1:10pm | Matthew M. Hindle,The Roslin Institute "Genome Wide Transcript and Methylation Changes in the Sheep Seasonal Clock" (W549) |
| 1:30pm | Francois Pompanon,Université Grenoble Alpes "Transpecific Signatures of Selection Related to Domestication in Sheep and Goats" (W550) |
| 1:50pm | Tristan Cumer,Université Grenoble Alpes "Old Origin of a Protective Endogenous Retrovirus (enJSRV) in the <i>Ovis</i> Genus" (W551) |
| 2:10pm | Suzanne Rowe,AgResearch, Invermay Agricultural Centre "Health Traits and Work with the NZ Dairy Sheep Industry" (W552) |
| 2:30pm | Badr Benjelloun,Laboratoire d'Ecologie Alpine CNRS France / CRRA of Tadla INRA Morocco "Landscape Genomics of Local Adaptation in Sheep and Goats" (W553) |
| 12:00pm - 12:50pm | Lunch (Vouchers Provided) - ROYAL PALM COURT, EXHIBIT HALL & TIKI PAVILION COURT |
| 12:50pm - 3:00pm | GeneSeek, A Neogen Company - Genomic Solutions for Agri-Research - PACIFIC SALON 2 Organizer: Jeremy Walker, GeneSeek |
| 12:50pm | Stewart Bauck,Neogen/GeneSeek "Geneseeek Update: New Genomic Tools" |
| 1:10pm | José B. S. Ferraz,University of Sao Paulo "Creation of a New <i>Bos Indicus</i> 35k SNP Genotyping Array" |
| 1:30pm | George Sofronidis,Orivet Genetic Pet care "Building a Successful and Innovative Canine Genetic Testing Business - No Equipment Required!" |
| 1:50pm | Yulin Jin,Auburn University "Utilizing a Custom Catfish 250K SNP Array for Linkage Mapping, Genome Sequence Validation, and GWAS Analysis of Performance Traits" |

Monday - January 16, 2017

| | |
|-------------------------|--|
| 12:50pm - 3:00pm | KeyGene: Expediting Innovation in Agriculture - ROYAL PALM SALON 3-4 Organizer: Sireen Khan, KeyGeneChair: Fayaz Khazi, KeyGene USA KeyGene is a leader in technology innovation. Over the last 28 years, KeyGene scientists have made significant contributions leading to advances in the food and agriculture industry. As the Company continues to maintains its lead in the industry as a key player, this annual workshop is themed towards showcasing new developments within the KeyGene technology pipeline, its strategic partnerships and a sneak preview of its disruptive, virtual reality based breeding tool. |
| 12:50pm | Fayaz Khazi,KeyGene USA "Keygene: The Crop Innovation Company" |
| 1:10pm | Michiel J.T. van Eijk,KeyGene "Crop Innovation Using Sequence Based Genotyping" |
| 1:30pm | Michiel Reessink,GENALICE "GENALICE MAP: Getting the Best Possible Yield out of Your NGS Data, Faster, Better, Easier and More Cost-Effective" |
| 1:50pm | Marco van Schriek,KeyGene "Virtual Reality Breeding : A Powerful New Tool in Crop Phenotyping" |
| 2:10pm | Anker Sørensen,KeyGene "Croppedia, Big Data & Crop Innovation" |
| 12:50pm - 3:00pm | Kyazma's JoinMap and MapQTL Demonstration - PACIFIC SALON 4-5 (2ND FLOOR) Organizer: Johan Van Ooijen, Kyazma B.V. Live demonstration of the genetic mapping and QTL analysis software of Kyazma ® • JoinMap ® – Genetic mapping made easy • MapQTL ® – User-friendly power in QTL analysis |
| 12:50pm | Welcoming Remarks |
| 12:55pm | JoinMap 5 – General Demonstration |
| 1:45pm | Break |
| 1:50pm | MapQTL 6 – General Demonstration |

Monday - January 16, 2017

| | |
|------------------|--|
| 12:50pm - 3:00pm | PacBio Workshop: SMRT Sequencing for Complete Genomes - SAN DIEGO Organizer: Donal Murphy, PacBio Join us to hear the latest and greatest in SMRT Sequencing. Our workshop will open with the 2017 roadmap for Sequel System enhancements, followed by an engaging scientific program highlighting insect, animal, and plant genome projects. Learn how scientists are employing long reads to complete even the most complex genomes. |
| 12:50pm | Jonas Korlach,Pacific Biosciences "Welcome and Introductory Comments" |
| 1:10pm | Rod A. Wing,Arizona Genomics Institute, University of Arizona "Introducing 5 New High-Quality Pacbio Genome Assemblies for Rice to Help Solve the 10-Billion People Question " |
| 1:30pm | Erich Jarvis,Rockefeller University "Comparative Analyses of Next Generation Technologies for Generating Chromosome-Level Reference Genome Assemblies" |
| 1:50pm | Rebecca N. Johnson,Australian Museum Research Institute, Science & Learning "De Novo Sequencing of the Koala Genome" |
| 2:10pm | Ben Matthews,HHMI-Rockefeller University "Genome Assembly and Molecular Genetics of the Dengue, Yellow Fever, and Zika Vector Aedes Aegypti" |
| 12:50pm - 3:00pm | Metagenomics & more – bioinformatics solutions for plant and animal research - ROYAL PALM SALON 5-6 Organizer: Nonna Druker, QIAGEN QIAGEN bioinformatics offers genome scientists continuity in their research. CLC Genomics Workbench and a series of specialized modules integrate all NGS data analysis capabilities required to power modern plant and animal research into a single platform – from DNA-Seq and variant detection, advanced RNA-Seq and Epigenomics capabilities, to a comprehensive toolbox for metagenomics or plant pathogen analysis. The direct integration with Ingenuity Pathway Analysis (IPA) allows researchers to explore the biological consequences of the results of RNA-Seq or Epigenomics experiments. |
| 12:50pm | Jamie Hill,QIAGEN "Make Lasting Expressions with Your Research – One Integrated Solution for Your RNA-Seq Analysis" |
| 1:50pm | Mark Borodovsky,Georgia Institute of Technology "Metagenemark: Analysis of NGS Sequences with Clc Genomic Workbench" |

Monday - January 16, 2017

**12:50pm - 3:00pm For Smarter Genomics in Agriculture, Partnering is the Answer - GOLDEN WEST
Organizer: Delaney Wermuth, Thermo Fisher Scientific**

Underlying agribusiness fundamentals point to abundant opportunities for development and profitable growth- as the often dynamic, volatile, and complex agriculture industry continues its transformation. Fueled by economic and technological drivers, the new conditions emphasize efficiency, innovation and creativity- producing opportunities for those savvy enough to recognize and seize them. Thermo Fisher Scientific is a partner who understands your business by providing you with a broad, deep portfolio of agrigenomic solutions – including AgriSeq and Eureka GBS technology, TaqMan assays and master mixes, Axiom microarray technologies, and Ion Torrent Sequencers. Attend our workshop to learn how we are partnering with agribusiness leaders to help address agricultural challenges and revolution.

12:50pm Ravi Ramadhar, Thermo Fisher Scientific
"Welcome & Introduction"

12:55pm Thomas P. Scott, Informa Agribusiness Business Intelligence IEG
"Thermo Fisher Scientific and Informa –Agribusiness Insights and Outlook: Challenges and Opportunities in Agribusiness- an Economic Perspective on Global and Technological Factors Transforming and Impacting Agribusiness"

1:20pm Thomas C. Osborn, Monsanto
"Yield Testing in the Lab"

1:35pm Wim van Haeringen, VHLGenetics
"Enabling More Accurate Animal Parentage and Genetic Testing through Targeted Genotyping By Sequencing (GBS) and CE Approaches"

2:00pm Dario Grattapaglia, EMBRAPA Brazilian Corporation of Agricultural Research and Graduate Program in Genomic Sciences - Catholic University of Brasília
"A Five-Species 50K Axiom SNP Microarray Allows High Quality Genotyping of Coffee, Cashew, Cassava, Brazilian Pine and Eucalyptus"

2:30pm Emily Rose, Neogen-GeneSeek Lab
"Applications of Axiom Microbiome Array in Food Safety"

**12:50pm - 3:00pm Arabidopsis Information Portal & Intl Arabidopsis Informatics Consortium - PACIFIC SALON 6-7 (2ND FLOOR)
Organizers: Christopher D. Town, J. Craig Venter Institute and Blake Meyers, Donald Danforth Plant Science Center**

12:50pm Welcoming Remarks

1:00pm Agnes P. Chan, J. Craig Venter Institute
"What's New at Araport" (W046)

1:20pm Detlef Weigel, Max Planck Institute for Developmental Biology
"1001 Genomes Plus (1001G+)" (W047)

Monday - January 16, 2017

| | |
|-------------------------|---|
| 1:45pm | Andrew Farmer,National Center for Genome Resources (NCGR) "A Versatile, User-Configurable Micro-Synteny Viewer for Comparative and Pan- Genomics of Arabidopsis and its Relatives" (W048) |
| 2:10pm | Asher Pasha,University of Toronto / CAGEF "Integrating Visual Analytic Tools from the Bio-Analytic Resource into Araport" (W049) |
| 2:35pm | Weijia Xu,Texas Advanced Computing Center "Enriching Information Content and Accessibility of Journal Publication with Text Mining and Biological Ontologies" (W050) |
| 12:50pm - 3:00pm | Genomics of Tissue Regeneration in Plants and Animals - ESQUIRE - MEETING HOUSE Organizer: Moshe Reuveni, ARO, Volcani Center |
| 12:50pm | Hiroshi Hisano,Institute of Plant Science and Resources, Okayama University "Identification of TFA Genomic Regions that confer Amenability to Agrobacterium-Mediated Transformation in Barley" (W465) |
| 1:20pm | Patricia Springer,Department of Botany and Plant Sciences "Leaf Initiation, Patterning, Organ Separation from the Meristem" (W466) |
| 1:50pm | Venugopala Reddy Gonenthal,Botany and Plant Sciences "Cell Type Specific Whole Genome Approaches to Understand Transcriptional Control of Stem Cell Maintenance" (W467) |
| 12:50pm - 3:00pm | Integrated Breeding Platform: Tools, Databases and Applications for Plant Breeding - GOLDEN BALLROOM Organizer: Graham McLaren, Integrated Breeding Platform |
| 12:50pm | Jean-Marcel Ribaut,Integrated Breeding Platform "Integrated Breeding Platform Deployment in Africa (I.): The Digital Revolution Has Already Started!" (W515) |
| 1:10pm | Graham McLaren,Integrated Breeding Platform "Breeding Management System (II.): Managing Breeding Data in the Cloud" (W516) |
| 1:30pm | Michel Ragot,Integrated Breeding Platform and Nouvelle France Genetics "Reversing the Trend: Bottom-Up Approach to Increasing Plant Breeding Efficiency in Africa" (W517) |
| 1:50pm | Abhishek Rathore,ICRISAT "BMS (IV.) - Enterprise Solution for Public Breeding Programmes: ICRISAT Case Study" (W518) |
| 2:10pm | Lukas Mueller,Boyce Thompson Institute "The Cassavabase System, a Web-Based Breeding Platform Adaptable for Many Crops" (W519) |
| 2:30pm | Reinhard Simon,International Potato Center (CIP) "Using the Public Plant Breeding API (BrAPI) to Access Data from the Statistical Platform R (VI.)" (W520) |

Monday - January 16, 2017

| | |
|------------------|---|
| 12:50pm - 3:00pm | NCBI Genome Resources - SUNSET - MEETING HOUSE Organizers: Kim D. Pruitt, National Center for Biotechnology Information (NCBI/NLM/NIH) and Terence D. Murphy, National Center for Biotechnology Information (NCBI/NLM/NIH) |
| 12:50pm | Kim D. Pruitt,National Center for Biotechnology Information (NCBI/NLM/NIH) "Workshop Overview and Welcome" (W608) |
| 12:55pm | Karen Clark,National Center for Biotechnology Information (NCBI/NLM/NIH) "Genbank Submission Improvements and Contamination Checks" (W609) |
| 1:15pm | Shashikant Pujar,NCBI, National Institutes of Health "Curated Content of RefSeq Genomes" (W610) |
| 1:35pm | Francoise Thibaud-Nissen,National Center for Biotechnology Information (NCBI/NLM/NIH) "Annotating Genomes, Assessing Quality, and Dowloading Data" (W611) |
| 2:05pm | Tao Tao,NIH/NLM/NCBI "E-Utilities and EDirect: NCBI Entrez Programming Interface" (W612) |
| 2:25pm | Lon Phan,NIH/NLM/NCBI "NCBI Variation Resources" (W613) |
| 12:50pm - 3:00pm | Plant Transgene Genetics - TOWN AND COUNTRY Organizers: Yingzhen Yang, USDA-ARS Grape Genetics Research Unit and Gan-Yuan Zhong, USDA-ARS |
| 12:50pm | Maureen Hanson,Cornell University "Engineering Carboxysomes into C3 Plants" (W730) |
| 1:10pm | Lanqin Xia,Institute of Crop Sciences, Chinese Academy of Agricultural Sciences "CRISPR/Cas9-Mediated Gene Targeting for Crop Improvement" (W731) |
| 1:30pm | James Thomson,USDA-WRRC "Development of Site-Specific Recombinase Technology for Targeted Integration with Marker Removal" (W732) |
| 1:50pm | Jay Chen,Oak Ridge National Laboratory "Simultaneous Knockdown of Six Non-Family Genes using a Single Synthetic RNAi Fragment in <i>Arabidopsis thaliana</i>" (W733) |
| 2:10pm | Dominique Van Der Straeten,Ghent University "Towards a Solution for Hidden Hunger: Folate Biofortification of Crop Plants" (W734) |
| 2:30pm | Hailing Jin,University of California "Cross-Kingdom RNAi and Plant Disease Control" (W735) |

Monday - January 16, 2017

| | |
|-------------------------|--|
| 12:50pm - 3:00pm | 10x Genomics - PACIFIC SALON 1 Organizer: Sara Agee Le, 10x Genomics Chair: Deanna Church, 10x Genomics Inc. |
| 12:50pm | Jill Herschleb,10x Genomics Inc. "The Chromium System: Delivering Linked-Reads and Single Cell Gene Expression for Improved Genomics" |
| 1:10pm | Benjamin E.R. Rubin,Lewis-Sigler Institute for Integrative Genomics, Princeton University "Comparative Genomics of Bee Sociality Using 10x Linked-Read Sequencing" |
| 1:30pm | Patrick S. Schnable,Iowa State University "Applications of Linked-Reads to Maize Genome Assembly" |
| 1:50pm | Michael Scanlon,Cornell University "Single Cell RNA-Seq: A Tool to Decipher the Influences of Cell Signaling, Cell Lineage, and Cell Position on Gene Expression during Plant Development" |
| 12:50pm - 3:00pm | Population and Conservation Genomics 2 - PACIFIC SALON 3 Organizer: Om P. Rajora, University of New Brunswick |
| 12:50pm | Introductory Remarks |
| 12:55pm | Loretta C Johnson,Kansas State University "Predicting Phenotypic and Genotypic Response of the Dominant Prairie Grass <i>Andropogon gerardii</i> to Climate Change in the US Central Grasslands" (W748) |
| 1:15pm | Paul F. Gugger,University of Maryland Center for Environmental Science "Landscape Genomics of California Valley Oak (<i>Quercus lobata</i>)" (W749) |
| 1:35pm | Brittany Barker,University of Arizona "Landscape Genomic Analyses Reveal Rapid Adaptation to Climate in Introduced Biocontrol Weevils despite Multiple Founder Events" (W750) |
| 1:55pm | Michael Russello,University of British Columbia "Genomic Changes Associated with Sockeye Salmon Ecotype Divergence Provide Insights into Life History Evolution and Tools for Fisheries Management" (W751) |
| 2:15pm | Eben Gering,Michigan State University "Rapid Life History Evolution in Feral Chickens (<i>Gallus gallus</i>) Involves both Ancestral and Artificially-Selected Traits" (W752) |
| 2:35pm | Tanja Slotte,Stockholm University "Demography and Mating System Shape the Genome-Wide Impact of Natural Selection in <i>Arabis alpina</i>" (W753) |
| 2:55pm | Concluding Remarks |

Monday - January 16, 2017

| | |
|------------------|--|
| 12:50pm - 3:00pm | New England Biolabs - New NEBNext methods to enhance your NGS performance - ROYAL PALM SALON 1-2 Organizer: Kari Goodwin, New England Biolabs With its unprecedented throughput, scalability, and speed, next-generation sequencing (NGS) is expanding its applications; addressing an increasingly diverse range of biological problems. As the use of Next Generation Sequencing (NGS) is becoming more widespread there is a need for faster protocols that perform reliably even with reduced input amounts. To address these challenges the new NEBNext® Ultra™ II library prep solutions have optimized every step in the workflows to enable high quality of sequencing data even from few picograms (gDNA) and low nanograms (RNA) of input material. Enzymatic fragmentation has also been included to streamline the library prep workflow and to avoid the sample lost involved in mechanical shearing. Genome editing is enabled by the development of tools to make precise, targeted changes to the genome of living cells. Recently a new tool based on a bacterial CRISPR-associated protein-9 nuclease (Cas9) from Streptococcus pyogenes has generated considerable excitement. CRISPR-based genome editing workflows vary considerably depending on experimental design. NEB reagents support multiple workflows enabling researcher's flexibility in their genome editing strategy. In this presentation, we will introduce NEB's RNA synthesis products, novel assembly methods for generation of sgRNA templates and homologous repair templates, recombinant Cas9 protein, and reagents for downstream mutation analysis. |
| 12:50pm | Daniela B Munafo,New England Biolabs "The Latest in DNA Library Preparation: Superior Performance from Picogram Input Amounts with Nebnext® Ultra™ II, Plus New Enzymatic DNA Fragmentation." |
| 1:10pm | Keerthana Krishnan,New England Biolabs "The Next Generation of RNA Library Preparation. " |
| 1:30pm | Breton Hornblower,New England Biolabs "Genome Editing: Tools to Support CRISPR/Cas9 Applications" |
| 12:50pm - 3:00pm | AgriPlex Genomics – Bridging the Gap Between Singleplex Screening and High Density Arrays - SUNRISE - MEETING HOUSE Organizer: Scott Weigel, AgriPlex Genomics PlexSeq™: a new targeted amplicon based focused sequencing method. Our workshop will focus on our PlexSeq™ system and how assays are multiplexed and applied to large number of samples simultaneously to create an ultra-high throughput, NGS based, ligation free sequencing and genotyping platform. PlexSeq™ works well with crude extraction methods, has a high assay design and conversion success rate for insertions, deletions and other difficult regions. Multiplexed SSR/STR assays can also be robustly analyzed. Various multiplexing levels and the ability to run large population studies rapidly and inexpensively will be discussed. As an example, we will present data on simultaneous analysis of 9 SNP's in 20,000 samples on one Illumina MiSeq run. Data can be robustly analyzed using our fully automated genotype calling PlexCall™ proprietary software. The combination of PlexSeq™ and PlexCall™ enables several other applications including quantitative pathogen detection and focused RNAseq in large number of samples. |
| 12:50pm | Alex Miron,AgriPlex Genomics |

Monday - January 16, 2017

| | |
|------------------|---|
| 12:50pm - 3:00pm | Computer Demo 2 - CALIFORNIA Organizers: Monica C. Munoz-Torres, Lawrence Berkeley National Laboratory and Brian Smith-White, National Center for Biotechnology Information (NCBI/NLM/NIH) |
| 12:50pm | Kelly Robbins,Cornell University "GOBII: Genomic Open-source Breeding Informatics Initiative" (C09) |
| 1:05pm | Manuel Ruiz,CIRAD, UMR AGAP / CIAT "Gigwa - Genotype Investigator for Genome-Wide Analyses." (C10) |
| 1:20pm | Annemarie Eckes,Earlham Institute "The Brassica Information Portal: Towards Integrating Phenotype and Genotype Data." (C11) |
| 1:35pm | Guillaume Cornut,INRA - URGI "GnpIS-Ephesis, Plant Phenotype Field Experimentations Resources – Data Discovery and Dataset Building Use Cases." (C12) |
| 1:50pm | Richard Michael Bruskiewich,STAR Informatics / Delphinai Corporation "Knowledge.Bio: A Web Application for Collaboratively Building and Exploring Networks of Biological Relationships." (C13) |
| 2:05pm | Clay Birkett,USDA-ARS "The Triticeae Toolbox (T3): Connecting Phenotypes, Genotypes, and Biological Knowledge" (C14) |
| 2:20pm | Matthias Lange,Leibniz Institute of Plant Genetics and Crop Plant Research (IPK) Gatersleben "e!Dal - a Open Source Software to Store, Share and Publish Research Data" (C15) |
| 2:35pm | Jeffrey Grover,University of Arizona "User-Friendly Whole Genome DNA Methylation Analysis With FlowGe" (C16) |
| 3:00pm - 4:30pm | Poster Session - Odd Numbers - GRAND EXHIBIT HALL |
| 3:00pm - 5:00pm | Coffee Break - GRAND EXHIBIT HALL |
| 4:30pm - 6:30pm | Brachypodium Community Organizational Meeting - SHEFFIELD Organizer: John P. Vogel, Department of Energy Joint Genome Institute |

Monday - January 16, 2017

| | |
|------------------------|---|
| 5:00pm - 8:00pm | International Goat Genome Consortium - SUNRISE - MEETING HOUSE Organizer: Gwenola Tosser-Klopp, INRA Co-Chair: Alessandra Stella, PTP Science Park |
| 5:00pm | Gwenola Tosser-Klopp,INRA "Introduction" (W528) |
| 5:05pm | Licia Colli,Research Center on Biodiversity and Ancient DNA – BioDNA and Inst. of Zootechnics, Università Cattolica del S. Cuore "Adaptmap WG7 & 8 - Global Diversity and Selection Signatures in Goats" (W529) |
| 5:25pm | Kevin Daly,Trinity College Dublin "Ancient Whole Mitochondrial Genomes and Insights into the Prehistory of Goats" (W530) |
| 5:40pm | Suzanne Rowe,AgResearch, Invermay Agricultural Centre "Genomic Selection in Dairy Goats (<i>Capra hircus</i>) using Genotyping by Sequencing" (W531) |
| 6:00pm | Stephen N. White,USDA, ARS, Animal Disease Research Unit "Goats Singly Heterozygous for PRNP S146 or K222 Substitutions Each Show Extended Scrapie Incubation Time Beyond Common Commercial Productive Lifetime" (W532) |
| 6:20pm | Ramadimetja Prescilla Mohlatsole,Agricultural Research Council and University KwaZulu-Natal "Whole-genome Sequence and Genetic Variant Analysis of the Tankwa Feral Goat of South Africa" (W533) |
| 6:40pm | M.J. Woodward-Greene,USDA-ARS "ADAPTM and Points Methods for Livestock Digital Phenotyping and Weight Prediction" (W534) |
| 7:00pm | Thibaut Hourlier,European Molecular Biology Laboratory - EBI "Goat Genome Assembly Annotation" (W535) |
| 7:20pm | Gwenola Tosser-Klopp,INRA "Conclusion" (W536) |
| 6:10pm - 8:20pm | Douglas Scientific - Accelerating Trait Discovery - SAN DIEGO Organizer: Jill Walerius, Douglas Scientific |
| 6:10pm | Michiel van Eijk,KeyGene "Sequence Based Genotyping: From Marker Discovery to Targeted Detection" |
| 6:30pm | Romy Morrin O'Donnell,Weatherbys Ireland Ltd DNA Laboratory "Genomic DNA Extraction - 1 Million Cattle" Application of the Oktopure™ Robot and Sbeadex™ Chemistry for High through-Put DNA Extraction" |
| 6:50pm | Martin W. Ganal,TraitGenetics GmbH "Optimized Marker Sets for Array-Based Plant Genotyping – a Continuous Improvement Process" |

| | |
|------------------------|--|
| 7:10pm | David M. Francis,The Ohio State University, Horticulture and Crop Science "Rapid Assessment of Novel Alleles and QTL through Background Genome Selection: From Sequence Variation to Functional Characterization in Tomato" |
| 7:30pm | Kellie Watson,University of Edinburgh "Flexible, Low Density SNP Information in Animal Breeding" |
| 6:10pm - 8:20pm | Examples of New NGS-Enabled Plant Research and Opportunities for Global Gen Banking Partnerships - SUNSET - MEETING HOUSE Organizer: Johan Christiaanse, BGI Americas Our speakers will present recent work on the genetic diversity of cotton, revealed through NGS and a strategy to combine methylome and gene expression data in plant genomes. In addition, we will present a new open-data gene banking initiative that presents new opportunities for global cooperation. |
| 6:10pm | Joshua A. Udall,Brigham Young University "Re-Sequenced Genomes Reveal the Genetic Diversity of Polyploid Cotton." |
| 6:30pm | Sally Mackenzie,Beadle Center for Genetic Research, University of Nebraska "Integrating Genome-Wide Methylome and Gene Expression Data in Plant Genomes" |
| 6:50pm | Xin Liu,Beijing Genomics Institute-Shenzhen "Large Scale Genomic Studies at China National Genebank" |
| 6:10pm - 8:20pm | BioNano Genomics Education Workshop: Next-Generation Mapping Reveals Large Structural Variations: So What? - PACIFIC SALON 3 Organizer: Gail Lamangan, BioNano Genomics Learn how colleagues have used next-generation mapping to enhance their research. |
| 6:10pm | Alex R. Hastie,BioNano Genomics "Genome Wide Detection of Large Structural Variation - Latest Advances from Bionano Genomics" |
| 6:35pm | Florian Jupe,Salk Institute for Biological Studies & Howard Hughes Medical Institute "Next Generation Arabidopsis Genomics" |
| 7:05pm | Alex Harkess,Donald Danforth Plant Science Center "Optical Maps Finish Homologous X and Y Sex Determination Regions in Asparagus" |
| 7:35pm | Parwinder Kaur,Centre for Plant Genetics & Breeding, Univ. of Western AU "Assessing Structural Variation at the Subspecies Level within <i>Trifolium Subterraneum</i> L. — Towards a Trifolium Pangenome" |
| 8:00pm | Matthias Weissensteiner,Uppsala University "Repetitive but Not Redundant - Revealing Structural Genomic Features with Tandem Repeat Arrays in Optical Maps" |

Monday - January 16, 2017

| | |
|------------------------|--|
| 6:10pm - 8:20pm | NRGene DeNovoMAGIC 3.0 - Complete assembly & phasing of heterozygote and polyploid genomes - GOLDEN BALLROOM Organizer: Moran Ofer, NRGene |
| 6:10pm | Sachiko Isobe,Kazusa DNA Research Institute "De novo Whole Genome Assembly in Allo-Octoploid Strawberry" |
| 6:30pm | Jizeng Jia,Chinese Academy of Agricultural Sciences "Wheat Genome De Novo Assembly: Diploid and Hexaploid |
| 6:50pm | R. Kelly Dawe,University of Georgia "Validation of PacBio and NRgene Maize Genome Assemblies by BioNano Genome Mapping" |
| 7:10pm | Dr. Gil Ronen,NRGene "Complete Phasing of Heterozygote and/or Polyploid Genomes to Create Very Long and Accurate Scaffolds Using Denovomagic 3.0" |
| 6:10pm - 8:20pm | CyVerse - Software, Tools, and Services for Data-Driven Discovery - CALIFORNIA Organizer: Jason Williams, Cold Spring Harbor Laboratory |
| 6:10pm | Parker Antin,University of Arizona "Overview of the CyVerse" (W241) |
| 6:25pm | Naser Alkhailah,Iowa State University "The Maize Genomes to Fields Initiative: Data Discovery and Reuse" (W242) |
| 6:45pm | Zain A. Alvi,Seton Hall University "Genomic and Expression Analysis of Spermatid Nuclear Transition Proteins in Sequenced <i>Drosophila</i> Species " (W243) |
| 7:05pm | Matthew Vaughn,Texas Advanced Computing Center "Jetstream: On-Demand Cloud Computing for Life Sciences Research and Education" (W244) |
| 7:25pm | Annemarie H. Eckes,Earlham Institute "CyVerse for Brassica: Performing Associative Transcriptomics by Integrating with Sequence and Phenotype Repositories" (W245) |
| 7:45pm | Liya Wang,Cold Spring Harbor Laboratory "A CyVerse Powered Data Coordination Center (DCC) for MaizeCODE" (W246) |
| 8:05pm | Jawon Song,Texas Advanced Computing Center "Methylation Pipelines in CyVerse" (W247) |

Monday - January 16, 2017

| | |
|------------------------|---|
| 6:10pm - 8:20pm | Functional Annotations of Animal Genomes (FAANG) - GOLDEN WEST Organizer: Huaijun Zhou, University of California, Davis |
| 6:10pm | Pablo J. Ross,Animal Science, University of California Davis "Update on Functional Annotation of Regulatory Elements in Chicken, Pig and Cattle" (W367) |
| 6:22pm | Huaijun Zhou,University of California, Davis "Fr-Agencode Update" (W368) |
| 6:27pm | Hans D. Daetwyler,Agriculture Victoria and La Trobe University "Identification and Use of Regulatory Variation in Dairy Cattle" (W369) |
| 6:39pm | Martien A.M. Groenen,Wageningen University "FAANG Reference Data Datasets for the Pig Ipec-J2 and Chicken SL-29 Epithelial Cell Lines" (W370) |
| 6:51pm | James M. Reecy,Department of Animal Science, Iowa State University "Update on FAANG Bioinformatics Pipeline Analysis" (W371) |
| 7:11pm | Laura Clarke,European Molecular Biology Laboratory, European Bioinformatics Institute, Vertebrate Genomics "Updates on the FAANG M&DS Committee and the FAANG DCC at EMBL-EBI" (W372) |
| 7:21pm | Stephen N. White,USDA, ARS, Animal Disease Research Unit "FAANG-Related Project Update" (W373) |
| 7:41pm | Christopher K. Tuggle,Iowa State University, Department of Animal Science "Update on Coordination of FAANG-Related Proposals to AFRI-Tools and Resources" (W374) |
| 7:46pm | Huaijun Zhou,University of California, Davis "FAANG Coordination Discussion" (W375) |
| 6:10pm - 8:20pm | Computomics - From genomes to insight - ROYAL PALM SALON 1-2 Organizer: Venkatesh Balakrishnan, Computomics GmbH |
| | Computomics is a team of world-leading experts in bioinformatics, offering next-generation sequencing (NGS) analyses for agriculture biotech companies and research scientists. Whether the concern is genomics research, breeding improvement, or plant protection, Computomics helps navigate the complexities of plant genomes. Our advanced bioinformatics services provide our customers with high-quality NGS data interpretation from state-of-the-art genomics tools and technologies |
| 6:10pm | Dr. Detlef Weigel,Max Planck Institute for Developmental Biology "Genomics of a. thaliana: Beyond Resequencing" |
| 6:30pm | Dr. Andre Kahles,ETH- Institute for Machine Learning "Graph Genomes" |
| 6:50pm | Dr. Timothy P.L. Smith,USDA, ARS, USMARC "Multiple Reference Genomes" |
| 7:10pm | Dr. George Wang,Computomics Corp "Cropscore: High-Throughput Phenotypic Data Simplified" |

Monday - January 16, 2017

| | |
|------------------------|---|
| 6:10pm - 8:20pm | Knowledge Management and Data Integration in Plant Research - PACIFIC SALON 2 Organizer: Mercedes Ames Sevillano, Biomax Informatics AG Co-Chair: Maximilian Peters, Biomax Informatics AG Efficient data integration, exploration and interpretation are indispensable to research in the plant and animal sciences. This workshop will address the major challenges and current computational solutions that scientists are using to extract knowledge from diverse data resources. We will examine how to best integrate diverse content, including public and private databases, ontologies, methods and analytical tools, into centralized repositories that represent an organization's collective knowledge. The goal of the workshop is to foster open discussion of how the abundance of data, information and tools, are being utilized and translated into knowledge and opportunity in an organized and systematic way. Renowned presenters from industry, academic and research institutions will share their experiences and insight. |
| 6:10pm | Welcoming Remarks |
| 6:15pm | Introductory Remarks |
| 6:20pm | Julie Green,Syngenta "Gene-Centric Knowledgebases for Identification of Agronomic Trait Lead Candidates" |
| 6:45pm | Mercedes Ames Sevillano,Biomax Informatics AG "Data Integration and Knowledge Management to Facilitate Research on Plant-Pathogen Interactions: Case Study <i>Solanum tuberosum</i>-<i>Verticillium</i> Wilt" |
| 7:10pm | Tatiana Tatarinova,University of Southern California "Whole-Genome Approach to Plant Phenotype Prediction" |
| 7:35pm | Reinhard Simon,International Potato Center (CIP) "Tentative Title: Building Data Repositories for Crop Genetic Resources" |
| 8:00pm | Concluding Remarks |
| 6:10pm - 8:20pm | Novogene: Latest NGS Applications in Agricultural Research - employing PacBio, 10X Genomics, & Illumina HiSeq X Ten - PACIFIC SALON 1 |
| 6:10pm | Wenkai Jiang,Novogene "De Novo Assembly of Plant and Animal Genomes: From Next Generation to Next-Next Generation" |
| 6:30pm | M. Brian Couger,Oklahoma State University "Evolution of Molecular Biology Investigation during the Disruptive Growth of Sequencing" |
| 6:50pm | David D. Fang,Cotton Fiber Biosciences Unit, USDA-ARS-SRRC "Intraspecific Polymorphic SNP and Indel Marker Discovery Based on Whole Genome Sequencing of a MAGIC Population in Upland Cotton" |

Monday - January 16, 2017

| | |
|-------------------------|--|
| 7:10pm | Ainong Shi,University of Arkansas "Whole Genome Sequencing and Resequencing for Genome-Wide Study in Cowpea" |
| 7:30pm | L. Augusto Becerra Lopez-Lavalle,International Center for Tropical Agriculture, CIAT "TBD" |
| 6:10pm - 8:30pm | Mango genomics - TOWNE - MEETING HOUSE Organizers: Yuval Cohen, Volcani Research Center and Amir Sherman, ARO |
| 6:10pm | Kobi Baruch,NRGENE LTD. "De novo Assembly of the Tommy Atkins Mango Genome" (W597) |
| 6:30pm | Nagendra K. Singh,ICAR-National Research Centre on Plant Biotechnology "A Reference Genome of Mango (<i>Mangifera indica</i> L. cv Amrapali)" (W598) |
| 6:50pm | Amy Groh,USDA-ARS "Mango Germplasm Characterization using SNPs Markers" (W599) |
| 7:10pm | Noam Alkan,Agricultural Research Organization, Volcani Center "Transcriptome and Metabolome Dynamics of Mango Fruit Response to Cold Storage" (W600) |
| 7:00pm - 7:30pm | Coffee Break - ATLAS FOYER |
| 8:30pm - 10:30pm | Bioinformatics Ice Cream Social – Collaborating and networking across complex projects - STRATFORD Organizers: Jason Williams, Cold Spring Harbor Laboratory and Matthew Vaughn, Texas Advanced Computing Center Calling all bioinformaticians and bioinformatics enthusiasts! CyVerse is hosting a small get together on a variety of topics relevant to making bioinformatics accessible and open to all communities. We will also have time to cover more questions on the new CyVerse project - specifically how developers can participate and how collaborative science projects can make use of CyVerse. If you are working on a collaborative science projects, have ever contributed code to an open source project, helped with documentation, or trained students and colleagues we'd like to invite you down to this late-night event. |

Tuesday - January 17, 2017

| | |
|--------------------------|---|
| 7:00am - 8:00am | Continental Breakfast - GOLDEN BALLROOM |
| 7:00am - 3:00pm | Poster Access - GRAND EXHIBIT HALL |
| 7:00am - 3:00pm | Registration - ATLAS FOYER |
| 8:00am - 8:45am | Plenary Lecture: Alan Cooper - TOWN & COUNTRY BALLROOM Chair: Huaijun Zhou, University of California, Davis |
| 8:00am | Alan Cooper, University of Adelaide "Ancient DNA Records of Genome Evolution" |
| 8:45am - 9:30am | Plenary Lecture: Seth Bordenstein - TOWN & COUNTRY BALLROOM Chair: Huaijun Zhou, University of California, Davis |
| 8:45am | Seth Bordenstein, Vanderbilt University "Microbes and the Origin of Animal Species" |
| 9:30am - 10:30am | Coffee Break - GRAND EXHIBIT HALL |
| 9:30am - 3:00pm | Exhibits Open - GRAND EXHIBIT HALL |
| 10:30am - 12:40pm | Banana Genomics - PACIFIC SALON 6-7 (2ND FLOOR) Organizers: Mathieu Rouard, Bioversity International and Angelique D'Hont, CIRAD, UMR AGAP |
| 10:30am | James Dale,Centre for Tropical Crops and Biocommodities "Golden Bananas for Africa and Asia" (W063) |
| 10:50am | Guillaume Martin,CIRAD, UMR AGAP "Characterization of a Large Reciprocal Chromosomal Translocation in Banana (<i>Musa acuminata</i>) and its Impact on Chromosomal Segregation using NGS" (W064) |
| 11:10am | Robert N. G. Miller,Universidade de Brasília "Transcriptome Analysis in <i>Musa acuminata</i> during Compatible Interaction with the Root-Knot Nematode <i>Meloidogyne incognita</i>" (W065) |
| 11:30am | Trude Schwarzacher,Department of Genetics, University of Leicester "Comparative Genomic Analysis in Zingiberales: What Can We Learn from Banana to Enable Ensete and Boesenbergia to Reach Their Potential?" (W066) |
| 11:50am | Nicolas Roux,Bioversity International "Revision of the Global Strategy for the Conservation and Use of <i>Musa</i> Genetic Resources" (W067) |
| 12:10pm | Mathieu Rouard,Bioversity International "Banana Genome Hub and MGIS : Managing Banana Germplasm Data in the NGS Era" (W068) |

Tuesday - January 17, 2017

| | |
|--------------------------|---|
| 10:30am - 12:40pm | Bioinformatics - GOLDEN WEST Organizers: Tatiana Tatusova, National Center for Biotechnology Information (NCBI/NLM/NIH) and Aleksey Zimin, Institute for Physical Science and Technology, University of Maryland |
| 10:30am | Sergey Koren,National Human Genome Research Institute, National Institutes of Health "Combining Nanopore Sequencing and Conformation Capture for the Reconstruction of Complete Chromosomes" (W075) |
| 10:50am | Deanna M. Church,10x Genomics Inc. "Using Linked-Reads to Enable Efficient <i>de novo</i> Diploid Assembly" (W076) |
| 11:10am | Maria Nattestad,Cold Spring Harbor Laboratory "Visualization and Analysis Tools for Comparing Genomes and Assemblies" (W077) |
| 11:30am | Heiko Schoof,INRES Crop Bioinformatics, University of Bonn "Function Prediction: Using Ahrd to Annotate Human Readable Descriptions and Gene Ontology Terms." (W078) |
| 11:50am | Tatiana Tatarinova,University of Southern California "Analysis of Nucleotide Diversity in <i>Oryza sativa</i> Across Functionally Important Genomic Regions" (W079) |
| 12:10pm | Jodi L. Humann,Washington State University "Structural and Functional Annotation of Model and Non-Model Organisms with GenSAS v5.0, a Web-Based Annotation Platform" (W080) |
| 10:30am - 12:40pm | Brachypodium Genomics - PACIFIC SALON 2 Organizer: David F. Garvin, USDA-ARS, PSRU |
| 10:30am | Matthew J. Moscou,The Sainsbury Laboratory "Accessing Natural Variation in <i>Brachypodium distachyon</i>: Development of the ABR6 x Bd21 RIL Population" (W081) |
| 10:55am | Kyria A. Roessler,UC Irvine "Differential Methylation and Gene Expression Between Leaf and Floral Tissues in <i>Brachypodium</i>" (W082) |
| 11:20am | Daniel Woods,University of Wisconsin-Madison "Genetic Architecture of Flowering Time Variation in <i>Brachypodium distachyon</i>" (W083) |
| 11:45am | Lifeng Liu,DOE Joint Genome Institute "Epigenetics of Cold Acclimation and Vernalization in <i>Brachypodium distachyon</i>" (W084) |
| 12:10pm | Boulos Chalhoub,UEVE-INRA "Development and Characterization of an Original <i>Brachypodium</i> Polyploid Model" (W085) |

Tuesday - January 17, 2017

| | |
|--------------------------|--|
| 10:30am - 12:40pm | Planning, Executing and Cultivating Broader Impact Programs: Tools, Communities and Resources to GET ORGANIZED, GET CONNECTED, GET NOTICED and GET FUNDED. - ESQUIRE - MEETING HOUSE Organizer: Michael D. Gonzales, University of South Dakota |
| 10:30am | Carol Lushbough,University of South Dakota "Getbio-PGR: The Gateway for Education, Training, Broader Impacts and Outreach in Plant Genome Research" (W869) |
| 11:00am | Etienne Gnimpieba,University of South Dakota "Bio-TDS - the Bioquery Tool Discovery System" (W870) |
| 11:25am | Susan Cato,American Society of Plant Biologists "Plantae: The Digital Ecosystem for Plant Science" (W871) |
| 11:50am | Joslynn Lee,Cold Spring Harbor Laboratory "The Importance of Making a Presence at Diversity-Focused Conferences" (W872) |
| 12:15pm | Jennifer Weller,University of North Carolina at Charlotte "Nurturing Strong Broader Impacts: Developing Plans for Executing a Successful Program to Incorporate in Grant Applications" (W873) |
| 10:30am - 12:40pm | Genomics-Assisted Breeding - TOWN AND COUNTRY Organizer: Rajeev K Varshney, ICRISAT |
| 10:30am | Rajeev K Varshney,ICRISAT "Welcome & Introduction" (W437) |
| 10:35am | Andreas Graner,Leib-Inst Plant Gen & Crop Plant Res "T B A" (W438) |
| 10:55am | Shawn Kaeppler, University of Wisconsin - Madison "Connecting the Genome and Phenome to Develop Stress-Tolerant Maize Cultivars" (W439) |
| 11:15am | Thomas Lubberstedt,Iowa State University "Use of Doubled Haploids in the Context of Genetic Resource Exploitation in Maize" (W440) |
| 11:35am | Rod Snowdon,Justus Liebig University "Genome-Based Gene Pool Expansion and Heterotic Haplotype Capture in Rapeseed" (W441) |
| 11:55am | Yusaku Uga,National Agriculture and Food Research Organization "Genomics-Based Ideotype Breeding for Root System Architecture to Enhance Rice Production" (W442) |
| 12:15pm | Jean-Luc Jannink,USDA-ARS / Cornell University "Genomic Prediction Meets Transcriptomics: An RNA-Seq Experiment Improves Cassava Brown Streak Disease Prediction Accuracy" (W443) |
| 12:35pm | Rajeev K Varshney,ICRISAT "Summary and Wrap-up" (W444) |

Tuesday - January 17, 2017

| | |
|--------------------------|--|
| 10:30am - 12:40pm | International Phytomedomics and Nutriomics Consortium (ICPN) - ROYAL PALM SALON 3-4 Chair: Phullara Kole, Kole's Foundation for Science and Society Co-Chair: Chittaranjan Kole, International Climate Resilient Crop Genomics Consortium |
| 10:30am | Phullara Kole,Kole's Foundation for Science and Society "Genomic Intervention for Amelioration of Bioactive Profiles in Plants for Health Security" (W537) |
| 10:45am | Byoung-Cheorl Kang,Seoul National University "GWAS of fruit related quantitative traits in Capsicum" (W538) |
| 11:00am | Massimo Iorizzo,Plants for Human Health Institute, Department of Horticultural Science, North Carolina State University, "TBA" (W539) |
| 11:15am | Yuxing Deng,the Institute of Medicinal Plant Development, Chinese Academy of Medical Sciences & Peking Union Medical College "Sm-miR828 is a Negative Regulator of the Flavonoid Pathway in <i>Salvia miltiorrhiza</i>" (W540) |
| 11:30am | Herman Silva,Lab Gen Func & Bioinfo - Fac Ciencias Agro - U de Chile "Functional Genomics as a Tool to Unveil Bioactives Compounds in Commercial and Andean Natives Plants" (W542) |
| 11:45pm | Yong Pyo Lim,Chungnam National University "Genome-Wide Association Analysis of 14 Glucosinolate Compounds Reveals the Multiple Association Loci's and Related Candidate Genes in Chinese Cabbage" (W543) |
| 10:30am - 12:40pm | Proteomics - PACIFIC SALON 3 Organizers: Madan K. Bhattacharyya, Iowa State University and Michael A. Djordjevic, Australian National University |
| 10:30am | David A. Lightfoot,Southern Illinois University "Proteomic Profiling and the Predicted Interactome of Host Proteins in Compatible and Incompatible Interactions Between Soybean and <i>Fusarium virguliforme</i>" (W778) |
| 10:50am | Wende Liu,Institute of Plant Protection, Chinese Academy of Agricultural Sciences "Proteomic Insights into Lysine-Acetylation Mediated Innate Immunity in Rice (<i>Oryza sativa</i>)" (W781) |
| 11:10am | Hong Lin,Crop Diseases, Pests and Genetics Research , USDA ARS "Proteome Analysis of Host Responses: Investigation of Molecular Mechanisms Associated with Citrus Huanglongbing" (W782) |
| 11:30am | Karina L Lopes,Esalq/ Universidade de Sao Paulo "FIP, a Putative Regulator of FtsH5 in Chloroplasts, is involved with Abiotic Stress Response in Arabidopsis" (W783) |

Tuesday - January 17, 2017

| | |
|--------------------------|---|
| 11:50am | Yuri R. Montanholi,Dalhousie University "Seminal Plasma Proteomics vary with Feed Efficiency and Fertility-Related Measures in the Bovine" (W779) |
| 12:10pm | Xinyun Li,Key Laboratory of Agricultural Animal Genetics, Breeding, and Reproduction of the Ministry of Education & Key Laboratory of Swine Genetics and Breeding of Ministry of Agriculture, Huazhong Agricultural University "Proteomics Analysis Indicated that Mitochondrial Energy Metabolism in Skeletal Muscle Tissue was Negatively Correlated with Feed Efficiency in Pigs" (W780) |
| 10:30am - 12:40pm | SGN and RTB Databases: Genomes, Pathways and Breeder Tools. - TOWNE - MEETING HOUSE Organizers: Isaak Y. Tecl, Boyce Thompson Institute and Lukas Mueller, Boyce Thompson Institute |
| 10:30am | Lukas Mueller,Boyce Thompson Institute "Breeder Tools on SGN and RTB Databases" (W832) |
| 10:50am | Surya Saha,Boyce Thompson Institute "Sol Genomics Network Bioinformatics Web Tools" (W833) |
| 11:10am | Prashant S Hosmani,Boyce Thompson Institute "ITAG3.0 Annotation for the New Tomato Reference Genome SL3.0" (W834) |
| 11:30am | Mirella Flores-Gonzalez,Boyce Thompson Institute "Improved Tomato Genome Reference using Full-Length BACs, BioNano Genome Maps and SGN Community Resources" (W835) |
| 11:50am | Anjana Raina Vatsan,National Center for Biotechnology Information (NCBI/NLM/NIH) "Tomato Genome Annotation and Curation at NCBI" (W836) |
| 12:10pm | Hartmut Foerster,Boyce Thompson Institute "Pathway/Genome Databases of the Solanaceae: Capturing Metabolic Data in Taxon - Specific Databases" (W837) |
| 10:30am - 12:40pm | Soybean Genomics - ROYAL PALM SALON 1-2 Organizer: Suk-Ha Lee, Department of Plant Science and Research InstituteChair: Suk-Ha Lee, Seoul National University |
| 10:30am | Michelle A. Graham,USDA-ARS-CICGRU "Iron Deficiency Signaling in Soybean: Root and Shoot Interactions" (W862) |
| 10:50am | Zhixi Tian,Chinese Academy of Sciences "Genetic Dissection of Agronomic Traits and Molecular Design Breeding in Soybean" (W863) |
| 11:10am | Xuelu Wang,Huazhong Agricultural University "Co-Expression Network Analysis of Nodule Development in Soybean" (W864) |

Tuesday - January 17, 2017

- 11:30am Xia Li,Huazhong Agricultural University
"Nodule Number Regulation of Soybean" (W865)
- 11:50am Kyung Do Kim,University of Georgia
"Reduced Abundance of 24 nt Small RNA in Soybean is Associated with a Missense Mutation in Dicer-like (DCL) 3" (W866)
- 12:10pm Bao-Hua Song,University of North Carolina at Charlotte
"Apply Untapped Genetic Diversity of Crop Wild Relatives to Meet Global Challenges" (W867)
- 12:25pm Ju Seok Lee,Seoul National University
"Multi-Genome-Wide Association Study and Novel Gene Identification in Korean Soybean Using a 391 Core Collection" (W868)
- 10:30am - 12:40pm Synthetic Biology - PACIFIC SALON 4-5 (2ND FLOOR)
Organizer: Elibio Rech, EMBRAPA**
- 10:30am Yang Liu,Iowa State University
"Targeted Gene Editing in Tetraploid Switchgrass (*Panicum virgatum* L.) by CRISPR/Cas9" (W923)
- 10:48am Sateesh Kagale,National Research Council Canada
"WheatCRISPR: A Web-Based Optimized sgRNA Designer for CRISPR-Cas9-Mediated Genome Editing in Wheat" (W924)
- 11:06am Wei Chen,Dow AgroSciences
"A Simple Way to Detect in *Planta* ZFN Activity and Chimerism in Gene Targeting" (W925)
- 11:24am Dheeraj Singh Rathore,Teagasc
"Enhancing the Utility of Plant Associated Bacterium; *Ensifer adhaerens* strain OV14, as a Vector for Plant Transformation" (W926)
- 11:42am Hiroshi Hisano,Institute of Plant Science and Resources, Okayama University
"TFA Genomic Regions Confer Amenability to Agrobacterium-Mediated Transformation in Barley " (W927)
- 12:00pm Melissa Huang Liu,Agilent Technologies
"Monitoring Guide RNA Synthesis for CRISPR/Cas9 Genome Editing Workflow Using the Agilent 2100 Bioanalyzer System" (W928)

Tuesday - January 17, 2017

| | |
|--------------------------|---|
| 10:30am - 12:40pm | Systems Genomics - SUNRISE - MEETING HOUSE Organizers: Meiping Zhang, Department of Soil and Crop Sciences, Texas A&M University and Hong-Bin Zhang, Texas A&M University |
| 10:30am | Mathilde Causse,Génétique et Amélioration des Fruits et Légume "Integration of QTL, eQTL and Allele Specific Expression to Unravel Genotype by Watering Regime Interaction in Cultivated Tomato" (W936) |
| 10:50am | Hikmet Budak,Montana State University "A Large Scale microRNA and Long-Noncoding RNA Annotation and Network Analysis in Plants" (W937) |
| 11:10am | Yun-Hua Liu,Texas A&M University "Development of a Gene-Based Breeding System in Cotton: A New Method Powerful and Efficient for Enhanced Fiber Quality Breeding" (W938) |
| 11:30am | Shahid Mukhtar,University of Alabama at Birmingham "Network Biology Discovers Pathogens' Contact Points in Host Protein-Protein Interaction Networks" (W939) |
| 11:50am | Yuling Jiao,Institute of Genetics and Developmental Biology, CAS "A Gene Expression Map of Shoot Cell Types Reveals New Regulatory Mechanisms" (W940) |
| 12:10pm | Daifeng Wang,State University of New York at Stony Brook "Dreiss: Using State-Space Models to Infer the Dynamics of Gene Expression Driven by External and Internal Regulatory Networks" (W941) |
| 10:30am - 12:40pm | The Phytoremediation Genome - PACIFIC SALON 1 Organizer: Adel M. Zayed, Supply Chain, Monsanto Company |
| 10:30am | Sharon L. Doty,University of Washington "Endophyte-Assisted Phytoremediation: Genomic Analysis to Successful Field Trial" (W874) |
| 11:00am | Ivan Baxter,USDA-ARS, Danforth Plant Science Center "Ionomics" (W875) |
| 11:30am | Bjoern Pietzenuk,Ruhr-Universität Bochum "Arabidopsis halleri – a Hyperaccumulator of Zinc, Cadmium and Lead" (W876) |

Tuesday - January 17, 2017

| | |
|--------------------------|---|
| 10:30am - 12:40pm | Hybridization, heterosis and balancing selection - SUNSET - MEETING HOUSE Organizer: Eyal Fridman, The Volcani CenterChair: Eyal Fridman, The Volcani CenterCo-Chair: Jianming Yu, Iowa State University |
| 10:30am | Michael Lenhard,University of Potsdam "Dissecting the Heterostyly Supergene in <i>Primula</i> (primrose)" (W501) |
| 10:50am | Leonie Moyle,Indiana University "Pervasive 'Less-Than-Additive' Interactions Characterize Fitness Effects in Wide <i>Solanum</i> Crosses" (W502) |
| 11:10am | Jode Edwards,USDA-ARS and Iowa State University, Ames, IA "History and Modern Synthesis of Heterosis" (W503) |
| 11:30am | Jacob D Washburn,Division of Biological Sciences, University of Missouri "Progressive Heterosis in Tetraploid Maize" (W504) |
| 11:50am | Bin Han,National Center for Gene Research,SIBS,CAS "Characterizing Genetic Basis of Complex Traits and Heterosis in Rice" (W505) |
| 12:10pm | Detlef Weigel,Max Planck Institute for Developmental Biology "Long-Term Balancing Selection Drives Evolution of Immunity in <i>Capsella</i>" (W506) |
| 12:30pm | Eyal Fridman,The Volcani Center and Volcani Agricultural Research Organization (ARO) "Segregation Distortion and Heterozygous Advantage in Barley Multi-Parent Populations" (W507) |
| 10:30am - 12:40pm | Genome-wide variation in rhinoceros species for evolutionary and conservation assessments - ROYAL PALM SALON 5-6 Organizer: Oliver Ryder, San Diego Zoo Institute for Conservation Research |
| 10:30am | Yoshan Moodley,University of Venda "The Divergent Evolutionary Histories of the Black and White Rhinoceros" (W424) |
| 10:50am | Tate Tunstall,San Diego Zoo Institute for Conservation Research "Evaluating Genome Wide Measures of Variation in Northern White Rhinoceros" (W425) |
| 11:10am | Alfred L. Roca,University of Illinois at Urbana-Champaign "Developing Genetic Tools for Conservation Management of Asian Rhinos" (W426) |
| 11:30am | Love Dalen,Swedish Museum of Natural History "A Status Update on Rhino Reference Genome Assemblies" (W427) |
| 11:50am | M Thomas P Gilbert,Natural History Museum of Denmark, Univ. of Copenhagen "Whole Genome Analysis of Rhinoceros Evolution" (W428) |
| 12:10pm | Elinor K. Karlsson,Broad Institute of MIT and Harvard "The 200 Mammals Genome Project: Understanding Evolutionary Conservation at the Single Base Level" (W429) |

Tuesday - January 17, 2017

| | |
|--------------------------|---|
| 10:30am - 12:40pm | Computer Demo 3 - CALIFORNIA Organizers: Monica C. Munoz-Torres, Lawrence Berkeley National Laboratory and Brian Smith-White, National Center for Biotechnology Information (NCBI/NLM/NIH) |
| 10:30am | Taner Z. Sen,USDA -ARS / GrainGenes "GrainGenes: Supporting the Small Grains Community" (C17) |
| 10:50am | Hiromasa Ono,Database Center for Life Science "RefEx, a Reference Gene Expression Dataset As a Web Tool for the Functional Analysis of Genes." (C18) |
| 11:10am | Sook Jung,Washington State University "Newly Designed Genome Database for Rosaceae (GDR)" (C19) |
| 11:30am | Felipe A. Simão,University of Geneva Medical School & Swiss Institute of Bioinformatics "Quality Assessment Using BUSCO v2" (C20) |
| 11:50am | Peifen Zhang,Carnegie Institution for Science "PMN, A Unified Resource For Plant Metabolism" (C21) |
| 12:10pm | Austin Meier,Oregon State University "Planteome: Reference Ontologies and a Platform for Integrative Plant Genomics" (C22) |
| 10:30am - 1:00pm | Increasing Genetic Gains for Food Security in the Developing World - GOLDEN BALLROOM Organizers: Nora Lapitan, U.S. Agency for International Development, Jennifer Long, U.S. Agency for International Development, Angela Records, U.S. Agency for International Development and Paul Tanger, U.S. Agency for International Development |
| 10:30am | Overview and Purpose of Workshop |
| 10:40am | Kelvin Kamfwa,University of Zambia "Harnessing PhotosynQ-Connected Phenotyping Technologies for Common Bean Breeding in Zambia" (W508) |
| 11:00am | Chiedozie Egesi,National Root Crops Research Institute (NRCRI) "Delivering Genetic Gain in Cassava to Smallholder Farmers in Africa" (W509) |
| 11:20am | Gael Pressoir,Chibas - Quisqueya University "Implementing a Sorghum Genomics Assisted Breeding Program in Haiti" (W510) |
| 11:40am | Panel Discussion |
| 11:41am | Appolinaire Djikeng,BecA-ILRI Hub "Panelist" (W511) |
| 11:42am | Damaris Achieng Odeny,ICRISAT "Panelist" (W512) |
| 11:43am | Peggy Ozias-Akins,University of Georgia "Panelist" (W513) |

Tuesday - January 17, 2017

| | |
|-------------------------|--|
| 11:44am | Jesse Poland, Kansas State University "Panelist" (W514) |
| 11:45am | Panel Discussion |
| 12:49pm | Summary and Next Steps |
| 12:30pm - 1:30pm | Lunch (Vouchers Provided) - ROYAL PALM COURT, EXHIBIT HALL & TIKI PAVILION COURT |
| 1:30pm - 3:40pm | Dovetail Genomics - In vitro Proximity Ligation - The Path to Better Genomes - PACIFIC SALON 1 Organizer: Michelle Vierra, Dovetail Genomics, LLC |
| 1:30pm | Richard E. Green,Dovetail Genomics "In Vitro Proximity Ligation Techniques for Genome Assembly" |
| 1:50pm | John P. Vogel,DOE Joint Genome Institute "A Reference Assembly for Brachypodium Hybridum As a Tool to Study Polyploidy" |
| 2:10pm | M Thomas P Gilbert,Natural History Museum of Denmark, University of Copenhagen "A High-Quality Genome Assembly for Giant Squid" |
| 1:30pm - 3:40pm | MYcroarray - Advances in Target Capture for NGS - ROYAL PALM SALON 1-2 Organizers: Alison Devault, MYcroarray and Jake Enk, MYcroarray Here we aim to provide attendees with tools and strategies for successful targeted sequencing using in-solution hybridization capture. We also discuss provocative new applications that demonstrate the breadth of sample types and target types that can be studied with the technology. We address probe design when starting with reference genomes, RADseq data, or transcriptomes; library preparation and quality assessment strategies; sequence data assembly and locus reconstruction; and even how to capture massive inserts for 3rd generation sequencing. Aspiring and veteran NGS users alike are sure to benefit from this broad-based but practical workshop. Visit us at exhibitor booth #615 to discuss your next project. |
| 1:30pm | Introductory Remarks |
| 1:35pm | Alison Devault,MYcroarray "Designing Target Enrichment Baits from any Sequence Source" |
| 1:50pm | Matthew Johnson,Chicago Botanic Garden "Targeted Exon Sequencing (HybSeq) in Non-Model Organisms: Best Practices for Probe Design and Data Analysis with HybPiper" |
| 2:20pm | Michael Giolai,Earlham Institute "Improved Methodology for Large Fragment Plant Resistance-Gene Capture" |

Tuesday - January 17, 2017

| | |
|------------------------|--|
| 2:40pm | Jake Enk,MYcroarray "Complexity Made Simple: Maximizing Library Performance in Targeted NGS" |
| 2:55pm | Travis C. Glenn,University of Georgia "Reducing Sequence Capture Costs with Universal Library Preparation Methods (Adapterama) and Ultraconserved Element (UCE) Bait Sets" |
| 3:15pm | Sandra Hoffberg,University of Georgia "Sequence Capture of RADseq Libraries with Identifiable Duplicates (RADcap) Improves Genotyping and Reduces Costs" |
| 1:30pm - 3:40pm | NAPPN - Technologies and Applications in Digital Plant Phenotyping - PACIFIC SALON 2 Organizers: Gregoire Hummel, Phenospex, Bas van Eerdt, PhenoKey, Klara Panzarova, Photon Systems Instruments (PSI), Didier Neuzeret, Phenoware, Todd M. DeZwaan, PhD, LemnaTec Corporation and April Agee Carroll, Purdue University <p>In this workshop, the North American Plant Phenotyping Network (NAPPN) will provide a venue for researchers to learn the “who’s who,” and “what’s what” in phenotyping technology from researchers using the latest techniques and vendors representing >80% of the phenotyping market. Two high impact keynotes plus five scientific lightning talks will highlight applications of phenomics technology in plant science research. Sponsoring companies will present five-minute briefs on their latest successes and future directions. Digital phenomic data is crucial to fully benefit from the advances in genetic analysis and molecular engineering. However, the evolution from manual to digital and high throughput phenotyping proves to be difficult. Choosing where to start and understanding possibilities of the latest developments is a scientific discipline in itself. This workshop will provide space to accelerate inspiration, matchmaking and implementation of these cutting edge technologies by breeders and scientists into their day-to-day operations. It is a great opportunity to learn more about plant phenotyping applications, concepts and commercial state of the art technologies. If you are interested in presenting a five-minute lightning talk on a cutting-edge application of digital phenotyping technology, send a brief abstract (200 words or less) to the NAPPN before 23-Dec, 2016.</p> |
| 1:30pm | April Carroll from NAPPN – Welcome Remarks |
| 1:40pm | David M. Kramer,Michigan State Univeristy "What Do We Learn from Phenotyping Tools That Bridge the Gaps Between the Lab and the World?" |
| 2:10pm | Gregoire Hummel,Phenospex "Planteye F500: Combine 3D and Multispectral Information in One Sensor" |
| 2:15pm | Bas van Eerdt,PhenoKey "Phenokey Translates Your Phenotyping Needs into a Real World Solutions That Work" |
| 2:20pm | Martin Trtílek,Photon Systems Instruments (PSI) "New Tools for Automated Image-Based High-Throughput Phenotyping" |

Tuesday - January 17, 2017

| | |
|------------------------|--|
| 2:25pm | Solmaz Hajmohammadi,LemnaTec Corporation "Quantification of Plant Morphological and Physiological Traits with Lemnatec's Scanalyzer Suite of Sensors" |
| 2:30pm | Didier Neuzeret,Phenoware "Phenotyping in Green House : Opening the Possibilities with Phenoware Technology" |
| 2:35pm | Mitchell Tuinstra,Purdue University "MULTI-Scale Analysis of FIELD-Grown Sorghum Using RGB, Lidar, and Hyperspectral Imaging" |
| 1:30pm - 3:40pm | Addressing the Challenges of Nucleic Acid Extraction, Quantitation and Amplification - GOLDEN WEST Organizer: Mary Jo Martinson, Promega Corporation Nucleic acid extraction, quantitation and amplification are key processes in the molecular monitoring of plant genotypes and plant health. The diversity of input materials from seeds, embryos, woody mature tissues and the presence of substances that may inhibit nucleic acid amplification create many challenges. Once nucleic acid is isolated, success in DNA/RNA analysis applications often comes down to using the appropriate amount of input nucleic acid, but common nucleic acid quantitation methods provide only minimal information about nucleic acid quality. In this workshop, we will review extraction of nucleic acid from a wide range of plant materials using manual to high throughput automated protocols and the relative strengths of absorbance, fluorescent nucleic acid-binding dyes and qPCR quantitation of purified nucleic acids to allow you to select the appropriate methods for your sample type and downstream application. |
| 1:30pm | Chris Moreland,Promega Corporation "Paramagnetic Cellulose DNA Isolation Improves DNA Yield and Quality Among Diverse Plant Taxa " |
| 2:10pm | Eric B. Vincent,Promega Corporation "Choosing Appropriate Quantitation Methods for Nucleic Acids, a Review of Absorbance, Fluorescent Nucleic Acid-Binding Dyes and qPCR Quantitation Methods and What They Do and Do Not Tell You " |
| 2:50pm | Doug Wieczorek,Promega Corporation "Purification of Plant Nucleic Acids from <i>Arabidopsis</i> to <i>Zea mays</i> using Manual, Bench Top and High Throughput Automation" |
| 1:30pm - 3:40pm | Animal Epigenetics - SAN DIEGO Organizer: Hasan Khatib, University of Wisconsin Madison |
| 1:30pm | Jiuzhou Song,University of Maryland "Epigenetic Regulation in Chicken Germ Stem Cell Differentiation" (W015) |
| 1:50pm | Eli Sellem,Allice R&D Department "Small Non Coding RNA from Frozen Bull Sperm Cells: A Biomarker Panel of Male Fertility" (W016) |
| 2:10pm | Tasia M. Taxis,USDA/ARS "Differential Expression of miRNA-423-5p in Cattle Challenged with Bovine Viral Diarrhea Virus" (W017) |

Tuesday - January 17, 2017

| | |
|------------------------|---|
| 2:30pm | Eveline M. Ibeagha-Awemu, Agriculture and Agri-Food Canada, Sherbrooke Research and Development Centre "Long Non-Coding RNA- Occurrence and Emerging Roles in the Bovine Genome" (W018) |
| 2:50pm | Helene Jammes, UMR BDR, INRA, ENVA, Université Paris Saclay "Methylation Analysis in Blood Cells: Epigenetic Marks of Health in Dairy Cattle" (W019) |
| 3:10pm | Stephanie McKay, University of Vermont "Whole Genome Bisulfite Sequencing of Three Tissues Related to the Bovine Reference Genome" (W020) |
| 1:30pm - 3:40pm | Compositae - PACIFIC SALON 4-5 (2ND FLOOR) Organizers: John M. Burke, Department of Plant Biology, University of Georgia and Richard Michelmore, Genome Center, University of California Davis |
| 1:30pm | Hélène Badouin, INRA-LIPM "The Reference Genome of the Common Sunflower <i>Helianthus annuus</i> Sequenced by Single Molecule, Real-Time Sequencing" (W188) |
| 1:50pm | Lien Bertier, Genome Center, University of California Davis "Genome Editing in Lettuce" (W189) |
| 2:10pm | Koen J.F. Verhoeven, Netherlands Institute of Ecology "Epigenetic Inheritance and Divergence within Apomictic Dandelion Lineage" (W190) |
| 2:30pm | Dan G. Bock, University of British Columbia "Multiple Genetic Routes to the Evolution of Invasiveness in a Perennial Sunflower" (W191) |
| 2:50pm | Katherine Denby, University of York "A Systems Approach to Breeding Disease Resistance in Lettuce Against Necrotrophic Fungal Pathogens" (W192) |
| 3:10pm | Stacey L. Harmer, University of California, Davis "Interactions Between Circadian and Photoreceptor Signaling Networks to Produce Complex Behaviors" (W193) |
| 1:30pm - 3:40pm | Gramene Database: A resource for comparative plant genomics, pathways and phylogenomics analyses - CALIFORNIA Organizer: Doreen Ware, Cold Spring Harbor Laboratory |
| 1:30pm | Marcela Carey Tello-Ruiz, Cold Spring Harbor Laboratory "Overview of Gramene's Ensembl Genome Browser" (W480) |
| 1:50pm | Joshua Stein, Cold Spring Harbor Laboratory "Mining Rice Disease Resistance Genes Using Gramene" (W481) |

Tuesday - January 17, 2017

| | |
|------------------------|--|
| 2:10pm | Pankaj Jaiswal,Department of Botany & Plant Pathology, Oregon State University "Plant Reactome: A Resource for Comparative Analysis of Plant Pathways" (W482) |
| 2:30pm | Matthew Geniza,Oregon State University "High Resolution Transcriptome Analysis of Rice Salt Response Enabled by Gramene Resources" (W483) |
| 2:50pm | Maria Keays,European Bioinformatics Institute (EMBL-EBI) "Plant Gene Expression in EMBL-EBI Expression Atlas" (W484) |
| 1:30pm - 3:40pm | Root Genomics - PACIFIC SALON 6-7 (2ND FLOOR) Organizer: Antonio Costa De Oliveira, Universidade Federal de Pelotas |
| 1:30pm | Ajay Kohli,IRRI "Recurrent Evolutionary Selection of the Epigenome Modulating Dysfunctional Guanine Deaminase Protein for Root Traits Favorable Under Water Stress" (W814) |
| 1:50pm | Shelby Ellison,Department of Horticulture, University of Wisconsin "Utilizing 2D Imaging to Map Root System Architecture QTL in Carrot (<i>Daucus carota L.</i>)" (W815) |
| 2:10pm | Lee Hickey,QAAFI, The University of Queensland "Dissecting the Genetics of Cereal Root System Architecture" (W816) |
| 2:30pm | Le Khanh Nguyen,USTH, LMI RICE-2 "Crown Root Development, from QTL Detected by GWAS using a Vietnamese Rice Collection to Candidate Gene" (W817) |
| 2:50pm | Joseph A. Edwards,UC Davis "The Plant Root-Associated Microbiome Viewed Across Diverse Plant Species and Developmental Stages" (W818) |
| 3:10pm | Antonio Costa De Oliveira,UFPel "Changes in the Rice Transcriptome Under Abiotic Stress Responses" (W819) |
| 1:30pm - 3:40pm | Weedy and Invasive Plant Genomics - TOWNE - MEETING HOUSE Organizers: Patrick Tranel, University of Illinois and C. Neal Stewart Jr., Department of Plant Sciences, University of Tennessee |
| 1:30pm | Kathryn A. Hodgins,Monash University "The Genomics of <i>Ambrosia artemisiifolia</i>: Invasion History and the Genetics of Glyphosate Resistance in a Notorious Weed" (W981) |
| 1:50pm | James H. Westwood,Virginia Tech "RNA Exchange Between the Parasitic Plant <i>Cuscuta</i> and Its Hosts" (W982) |
| 2:10pm | Mithila Jugulam,Educational "Mechanism of Genome Adaptive Response to Glyphosate Challenge in <i>Amaranthus tuberculatus</i>" (W983) |

Tuesday - January 17, 2017

| | |
|------------------------|---|
| 2:30pm | Eric Lloyd Patterson,Colorado State University "The Draft Genome of <i>Kochia scoparia</i> : A Foundation for Studying Adaptive Evolution and Its Impacts on Genome Architecture" (W984) |
| 2:50pm | Regina S. Baucom,University of Michigan "Is Convergence at the Level of the Phenotype Mirrored Across the Genome? the Repeated Evolution of Glyphosate Resistance in the Common Morning Glory, <i>Ipomoea purpurea</i>" (W985) |
| 3:10pm | Kenneth Olsen,Washington University "Whole Genome Resequencing Provides Insights into Adaptation through De-Domestication in Weedy Rice (<i>Oryza sativa</i>)" (W986) |
| 1:30pm - 3:40pm | Translational Agriculture: Opportunities, Technologies and Products - ROYAL PALM SALON 3-4 Organizer: Sireen Khan, KeyGene Chair: Fayaz Khazi, KeyGene USA This annual workshop by KeyGene on Translational Agriculture is focused on the impact of innovative technologies and their integration into the product development process by the industry. Invited speakers from multiple industries in food, agriculture and forestry will showcase how their companies view technological advances and discuss the overall impact on the industry and consumers. |
| 1:30pm | Fayaz Khazi,KeyGene USA "Translational Agriculture: Promises and Practice" |
| 1:50pm | Vonnie Estes,Caribou Biosciences "Gene Editing - Pathway to Commercialization " |
| 2:10pm | Gabe Gusmini,PepsiCo "Crop Improvement at Pepsico Translates "Plant Potential" into Impact on Food Value-Chains and Consumer" |
| 2:30pm | Alexandre Missiaggia,Fibria S.A. "Innovative and Sustainable Forest Technology" |
| 2:50pm | John Reich,Foundation for Food and Agriculture Research "How the Foundation for Food and Agriculture Research and Partners Are Working to Nourish a Growing World" |

Tuesday - January 17, 2017

| | |
|-----------------|---|
| 1:30pm - 3:40pm | NuGEN - Trait to Table: NGS Solutions to Advance Agrigenomics - ROYAL PALM SALON 5-6 Organizer: Kate Karfilis, NuGEN Technologies |
| 1:30pm | Joe Don Heath,NuGEN Technologies "Flexible and Cost-Effective Genotyping By Targeted Sequencing" |
| 1:50pm | Davide Scaglione,IGA Technology Services "Targeted Genotyping-By-Sequencing with Single Primer Enrichment Technology (SPET). a Case Study in Black Poplar." |
| 2:30pm | Denise Stephens,NuGEN Technologies "RNA-Seq, Simplified. Solutions for Every Sample." |
| 2:50pm | Sarah N Anderson,University of Minnesota, Twin Cities "Initiation of Zygotic Genome Activation in the Unicellular Rice Zygote" |
| 1:30pm - 3:40pm | Lexogen - QuantSeq 3' mRNA-Seq technology as an efficient tool for gene expression profiling - SUNRISE - MEETING HOUSE Organizer: Jekaterina Aleksejeva, Lexogen With the rapid development of NGS technologies, RNA-Seq has become the new standard for transcriptome analysis. Although the price per base has been substantially reduced, sample preparation, sequencing, and data processing remain major cost factors in high-throughput screenings. The QuantSeq technology addresses these issues by providing an easy protocol to generate highly strand-specific NGS libraries close to the 3' end of polyadenylated RNAs within 4.5 hours, requiring only 0.1 - 500 ng of total RNA input and less bioinformatics efforts than standard RNA-Seq. It is the method of choice for fast, affordable and accurate gene expression detection, quantification and 3' UTR studies. The protocol can be readily modified for targeted sequencing and include molecular barcoding. In our workshop users of QuantSeq will present their studies where this technology has empowered their discoveries. |
| 1:30pm | Introductory Remarks |
| 1:40pm | Karl A. Kremling,Cornell University "Characterizing the Regulatory Impact of Rare Variants and Mapping eQTL in Zea Mays Using Nearly 2000 3' Mrnaseq Samples" |
| 2:10pm | Sheina Sim,University of Hawaii-Manoa "An Integrative Approach to Finding the Genetic Basis of a Genetic Sexing Trait Textitwhite Pupae in Bactrocera Cucurbitae" |
| 2:40pm | Roman T Kellenberger,Institute of Systematic and Evolutionary Botany (ISEB) University of Zurich "Dobzhansky Reloaded: Eco-Evo-Devo of a Putatively Overdominant Colour Polymorphism in the Alpine Orchid <i>Gymnadenia (Nigritella) Rhellicani</i>" |

Tuesday - January 17, 2017

1:30pm - 3:40pm

Genestack - Applying High-throughput Bioinformatics Technologies to Crop Reserach - SUNSET - MEETING HOUSE
Organizer: Kalina Cetnar, GenestackChair: Misha Kapushesky, Genestack

Genestack platform provides an enterprise-level infrastructure for bioinformatics R&D, with a strong focus on data and metadata management, absolute reproducibility and governance, as well as scalable computing and visualisations. It can run anywhere: on and off the cloud. Genestack has been working with Rothamsted Research, a leading UK agricultural research institute, on integrating their Ondex/KnetMiner agrigenomics suite of tools. This will enable scientists to use high-throughput bioinformatics technologies to accelerate genomics-based crop improvement and protection. Ondex allows users to build genome-scale knowledge networks: networks that integrate multi-omics datasets including ontologies, homologies, and scientific literature. KnetMiner is a tool for mining networks for specific traits. It ranks genes by different types of evidence. The discoveries can be explored using powerful network analytics and visualisations. These tools have until now been underappreciated due to high usability and technical barriers: users are limited to domain experts with access to adequate infrastructure. By integrating them into Genestack, users now have access to a simple, streamlined process from data collection, knowledge network building, to knowledge discovery. In this workshop, we will provide an overview of Ondex/KnetMiner, and its application to find candidate genes for breeding success traits in *Cicer arietinum* (chickpea) and *Brassica oleracea* (kale, cabbage, etc). Then, we'll showcase how users can easily build, combine, explore and share their own knowledge networks in Genestack, and how the results of other Genestack analytical pipelines can be integrated seamlessly to aid discovery. Lastly, we'll present ideas of integration with NDEX (Network Data Exchange).

1:30pm

Keywan Hassani-Pak,Rothamsted Research
"Overview of Knetminer"

2:00pm

Philipp E. Bayer,University of Western Australia
"Improving Plant Breeding Using Knetminer"

2:30pm

Kevin Dialdestoro,Genestack
"Building and Exploring Knowledge Network and in Genestack"

1:30pm - 3:40pm

NRGene - From Multiple genome assemblies to accurate pangenome view - GOLDEN BALLROOM
Organizer: Moran Ofer, NRGeneChair: Guy Kol, NRGENE Ltd.

1:30pm

Curtis J Pozniak,University of Saskatchewan
"The Ten Genomes Project: Towards a Pan Genome of Wheat"

1:50pm

Joseph D. Clarke,Syngenta Biotechnology Inc.
"Successfully Using Nrgene's Genomagic™ Platform to Evaluate Fit-for-Purpose Genomes and Genome Management Strategies"

2:10pm

Marco Maccaferri,DipSA - University of Bologna
"Leveraging the Assembly of the Durum Wheat Genome cv. Svevo"

2:30pm

Kevin M. Dorn,Kansas State University
"Developing a Genomic Toolbox for the Improvement of Intermediate Wheatgrass As a Perennial Grain Crop"

2:50pm

Guy Kol,NRGENE Ltd.
"TBD"

Tuesday - January 17, 2017

| | |
|-----------------|---|
| 1:30pm - 6:10pm | IWGSC - Standards and Protocols - PACIFIC SALON 3 Organizers: Jane Rogers, International Wheat Genome Sequencing Consortium and Frederic Choulet, INRA GDEC |
| 1:30pm | Introductory Remarks |
| 1:50pm | Xi Wang,Bayer CropScience "Wheat Genome Structural Annotation using a Modular and Evidence-Combined Annotation Pipeline." (W574) |
| 2:10pm | Frédéric Choulet,INRA GDEC "Challenges of Gene and Repeat Annotation of the Wheat Genome Sequence" (W575) |
| 2:30pm | Manuel Spannagl,PGSB - Plant Genome and Systems Biology, Helmholtz Center Munich, German Research Center for Environmental Health (GmbH) "Reference gene prediction in the hexaploid bread wheat genome" (W576) |
| 2:50pm | Jemima Brinton,John Innes Centre "Integrating Wheat RNA-Seq Data into the expVIP Gene Expression Browser with Multiple Reference Genomes" (W577) |
| 3:10pm | Rudi Appels,Murdoch University "The Wheat Genome Visualised in Apollo: Variation in the Clarity of Defining and Naming Gene Models." (W578) |
| 3:30pm | Pankaj Jaiswal,Department of Botany & Plant Pathology, Oregon State University "Wheat Trait Ontologies" (W579) |
| 3:50pm | Jane Loveland,Wellcome Trust Sanger Institute "Tools for Community Genome Annotation: ZMap and Otter" (W580) |
| 4:10pm | Brian Smith-White,National Center for Biotechnology Information (NCBI/NLM/NIH) "Genome Curation and Maintenance at NCBI" (W581) |
| 4:30pm | Michael Alaux,INRA - URGI "The IWGSC Reference Genome Browser, Data Mining and Beyond" (W582) |
| 4:50pm | Etienne Paux,INRA GDEC "H3K27me3, a Key Player in Wheat Gene and Genome Organization and Regulation?" (W583) |
| 5:10pm | Jane Rogers |
| 2:00pm - 3:00pm | Coffee Break - GRAND EXHIBIT HALL |

Tuesday - January 17, 2017

| | |
|------------------------|---|
| 4:00pm - 6:10pm | Illumina, Inc. - GOLDEN WEST Organizer: Lauren Brock, Illumina, Inc. |
| 4:00pm | Ryan Rapp,Illumina, Inc. "Introduction" |
| 4:30pm | Jose Fernando Garcia,IAEA Collaborating Centre for Animal Genomics "An Assembled Map for Nellore Beef " |
| 5:00pm | Dr. Todd Mockler,Donald Danforth Plant Science Center "Characterizing the Pan-Genome of Sorghum " |
| 4:00pm - 6:10pm | Avian Genomics - Going Wild! - TOWNE - MEETING HOUSE Organizer: Robert H. S. Kraus, University of Konstanz, Department of Biology |
| 4:00pm | Lel Eory,Roslin Institute University of Edinburgh "Signatures of Selection on 48 Bird Genomes Help Detect Functional Regions in the Chicken Genome" |
| 4:20pm | Lel Eory,Roslin Institute University of Edinburgh "Functional Consequence of Selectively Constrained Regions in the Chicken Genome" (W057) |
| 4:40pm | Rute R. da Fonseca,University of Copenhagen "Reticulate Evolution Influenced the Andean Hummingbird Radiation" (W058) |
| 5:00pm | Mirte Bosse,Wageningen University "Signatures of Natural Selection in Great Tit Genomes: Past Selection, Local Adaptation or Human Imposed Change?" (W059) |
| 5:20pm | Matthias Weissensteiner,Uppsala University "Going the Long (Molecule) Way: Detecting Structural Features Influencing Recombination Rate via SMRT-Seq and Optical Mapping in the Crow Genome" (W060) |
| 5:40pm | Martin Stervander,Linnaeus University "Repeated Resource-Driven Speciation with Gene Flow in Isolated Island Finches" (W061) |
| 6:00pm | Elinor Jax,Max Planck Institute for Ornithology "Expression Profiling of Whole Blood as a Means of Detecting an Immune Response in an Avian Non-Model Species" (W062) |

Tuesday - January 17, 2017

| | |
|-----------------|--|
| 4:00pm - 6:10pm | Cassava Genomics - SUNRISE - MEETING HOUSE Organizer: Steve Rounseley, Genus plc |
| 4:00pm | Rebecca Bart,Donald Danforth Plant Science Center "Production, Assembly and Use of Genomic, Transcriptomic and Epigenomic Datasets to Understand the Loss of CMD2-Mediate Resistance during Cassava Tissue Culture" (W110) |
| 4:20pm | Ismail Rabbi,International Institute of Tropical Agriculture (IITA) "Current Insights on Genomic Diversity and Genetic Architecture of Primary Breeding-Goal Traits in Africa Cassava Germplasm" (W111) |
| 4:40pm | Morag E. Ferguson,International Institute of Tropical Agriculture (IITA) "QTL Associated with Field Resistance to Cassava Brown Streak Disease in the Context of the Genetic Relationship Among Genotypes" (W112) |
| 5:00pm | Ramu Punna,Institute for Genomic Diversity, Cornell University "Genetic Load in Cassava" (W113) |
| 5:20pm | Cyprian Rajabu,North Carolina State University and University "Two Novel DNAs Responsible for Enhanced Symptoms and Overcome Resistance to CMD in Plants" (W114) |
| 5:40pm | Diana Katherine Castillo Avila,CIAT "Alternative Splicing in the GBSSI Gene Involved in Amylose-Free Cassava" (W115) |
| 4:00pm - 6:10pm | Components of Apomixis - ESQUIRE - MEETING HOUSE Organizer: Emidio Albertini, University of Perugia In this workshop we treat topics ranging from Meiosis to gametogenesis and embryogenesis related to apomixis |
| 4:00pm | Li Yuan,DuPont Pioneer "Capturing Heterosis: Progress Towards Achieving Apomixis in Sorghum" (W183) |
| 4:20pm | Peggy Ozias-Akins,University of Georgia "A Conserved Apomict-Derived <i>Babyboom</i> Gene Promotes Parthenogenesis in Multiple Cereals" (W184) |
| 4:40pm | Margaret L. Worthington,University of Arkansas "Segmental Allopolyploidy and Diagnostic Markers for Apomixis in <i>Brachiaria</i>" (W185) |
| 5:00pm | John G. Carman,Utah State University "Apomixis in Eukaryotes: An Ancient Fair-Weather Alternative to Sex" (W186) |
| 5:20pm | Emidio Albertini,University of Perugia "Identification of Genes Showing Differential Methylation and Expression Patterns in Flowers of Apomictic and Sexual <i>Paspalum Spp.</i>" (W187) |

Tuesday - January 17, 2017

| | |
|-----------------|--|
| 4:00pm - 6:10pm | Crop Genomics for Global Food Security - GOLDEN BALLROOM Organizers: Antonio Costa De Oliveira, Universidade Federal de Pelotas and Henry T. Nguyen, University of Missouri |
| 4:00pm | Leon Kochian,Global Institute for Food Security "Getting to the Root of the Matter: The Growing Importance of Root Biology to Global Food Security" (W219) |
| 4:20pm | Timothy J. Close,Department of Botany & Plant Sciences, University of California "Advancing the Cowpea Genome for Food Security" (W220) |
| 4:40pm | Ivan Ingelbrecht,Plant Breeding and Genetics Laboratory - FAO/IAEA "Crop Mutation Breeding at the Joint FAO/IAEA Program for Food Security and Enhancing Agrobiodiversity" (W221) |
| 5:00pm | Sivakumar Sukumaran,International Maize and Wheat Improvement Center (CIMMYT) "Increasing Genetic Gains in Wheat through Physiological Genetics and Breeding" (W222) |
| 5:20pm | Vikas Belamkar,Department of Agronomy and Horticulture, University of Nebraska-Lincoln "Translating Genomic Research into Cultivar Development in the Nebraska Wheat Program" (W223) |
| 5:40pm | Manish Roorkiwal,ICRISAT "Genomic Selection in Chickpea" (W224) |
| 4:00pm - 6:10pm | Genome Annotation with Galaxy - CALIFORNIA Organizers: Dave Clements, Johns Hopkins University and Jeremy Goecks, Oregon Health Sciences University |
| 4:00pm | Jeremy Goecks,Oregon Health Sciences University "Genome Annotation with Galaxy" (W417) |
| 4:00pm - 6:10pm | Gene Expression Analysis - ROYAL PALM SALON 1-2 Organizers: David W. Galbraith, BIO5 Institute & School of Plant Sciences, University of Arizona and Gregory D. May, Pioneer HiBred |
| 4:00pm | David W. Galbraith,BIO5 Institute & School of Plant Sciences, University of Arizona "Introduction to the workshop" (W394) |
| 4:10pm | Joanna C. Chiu,University of California, Davis, Department of Entomology and Nematology "Accelerating Research on Spotted Wing Drosophila Management Using Genomic Technologies" (W395) |
| 4:30pm | Deanna Church,10x Genomics Inc. "Quantitative Profiling of Large and Complex Single Cell Populations" (W396) |

Tuesday - January 17, 2017

| | |
|------------------------|---|
| 4:50pm | Hainan Zhao,University of Wisconsin-Madison "Recurrent Activation of a Latent Centromere in the Cericentromeric Region of Maize Chromosome 3" (W397) |
| 5:10pm | Won Cheol Yim,Department of Biochemistry and Molecular Biology, University of Nevada, Reno "Transcriptome Analysis & Beyond: Advanced Approaches for Transcriptome Analysis in Diploid and Polyploid Plant Species." (W398) |
| 5:30pm | Bo Wang,Cold Spring Harbor Laboratory "Unveiling the Complexity of Maize Transcriptome Using Single-Molecule Long-Read Sequencing" (W399) |
| 5:50pm | Jan Bartoš,Institute of Experimental Botany "Gene Expression Changes in First Generations of Reciprocal Interspecific Grass Hybrids" (W400) |
| 4:00pm - 6:10pm | Host-Microbe Interactions - SUNSET - MEETING HOUSE Organizers: Brett Tyler, Oregon State University and Christopher Barker, Genome Prairie |
| 4:00pm | Wenbo Ma,University of California "Effectors of the Citrus Huanglongbing-Associated Bacteria" (W497) |
| 4:30pm | Anjali Iyer-Pascuzzi,Purdue University, Department of Botany and Plant Pathology "Getting to the Root of Bacterial Wilt Resistance in Tomato" (W498) |
| 5:00pm | Matthew Links,Department of Animal and Poultry Science, University of Saskatchewan "Microbial Profiling with cpn60 and the Collaborative Exploratory Data Environment (CEDE) " (W499) |
| 5:30pm | Joseph E Rubin,University of Saskatchewan "The Emergence of Broad-Spectrum β-Lactamases in <i>E. coli</i> from Canine Urinary Tract Infections in Western Canada" (W500) |
| 4:00pm - 6:10pm | Perennial Grasses - PACIFIC SALON 2 Organizers: Malay C. Saha, The Samuel Roberts Noble Foundation and Christian Tobias, USDA-ARS, Western Regional Research Center |
| 4:00pm | Thomas Juenger,University of Texas, Austin "QTL x Environment Interactions and Latitudinal Adaptation in Switchgrass (<i>Panicum virgatum</i>)" (W671) |
| 4:20pm | Zhuja Ye,Tennessee State University "Proteomics Study of Switchgrass for Drought Stress" (W672) |
| 4:40pm | Kevin M. Dorn,Kansas State University "The Intermediate Wheatgrass Genome: A Resource for Understanding Mechanisms of Perenniality and Accelerating the Development of Perennial Crops" (W673) |

Tuesday - January 17, 2017

| | |
|------------------------|--|
| 5:00pm | Allison Miller,Saint Louis University "Single Nucleotide Polymorphism Discovery via Genotyping-by-Sequencing to Assess Population Genetic Structure and Recurrent Polyploidization in <i>Andropogon gerardii</i>" (W674) |
| 5:20pm | Niranjan Baisakh,School of Plant, Environmental, and Soil Sciences, Louisiana State University Agricultural Center "Identification of GBS-Generated Bi-Allelic SNPs Associated with Leaf Scald Resistance in Sugarcane" (W675) |
| 5:40pm | Bradley S. Bushman,USDA-ARS Forage & Range Research "Late Flowering in Auto-Tetraploid <i>Dactylis glomerata</i>" (W676) |
| 4:00pm - 6:10pm | Plant Dormancy Workshop - ROYAL PALM SALON 3-4 Organizers: Anne Fennell, South Dakota State University and Jason Londo, USDA-ARS Grape Genetics Research Unit |
| 4:00pm | Heqiang Huo,University of Florida and Department of Plant Sciences, UC Davis "Regulation of Seed Dormancy and Reproductive Phase Transitions By <i>miRNA156</i> and <i>DOG1</i>" (W689) |
| 4:20pm | Wun S. Chao,USDA-ARS "Changes in Phytohormone Levels and Transcript Profiles during Seasonal Dormancy Transitions in Underground Adventitious Buds of Leafy Spurge (<i>Euphorbia esula</i> L.)" (W690) |
| 4:40pm | Anne Fennell,South Dakota State University "Genetic Architecture of Dormancy Induction, Dormancy Release and Winter Survival in Grapevine" (W691) |
| 5:00pm | Stephanie Cornelissen,Agricultural Research Council of South Africa "Determining the Genetic Differences within the QTL Associated with Chill Requirement; Between High and Low Chill Apple Varieties" (W692) |
| 5:20pm | Alisson P. Kovaleski,Cornell University "Transcriptomic Analysis of Ecodormancy Release in Grapevine" (W693) |
| 5:40pm | Peter Dolan,University of Minnesota-Morris "Solstice Party: Contrasting Transcriptional Velocity and Transcriptome Composition at Winter and Summer Solstices in Douglas-fir" (W694) |

Tuesday - January 17, 2017

| | |
|------------------------|---|
| 4:00pm - 6:10pm | Plant Science at the JGI and KBase - SAN DIEGO Organizers: Doreen Ware, Cold Spring Harbor Laboratory and Jeremy Schmutz, DOE Joint Genome Institute |
| 4:00pm | Jeremy Schmutz,DOE Joint Genome Institute and HudsonAlpha Institute for Biotechnology "Introduction and JGI Plant Science Update" (W723) |
| 4:15pm | Priya Ranjan,Oak Ridge National Laboratory "Kbase Plants Update" (W724) |
| 4:30pm | Gerald A. Tuskan,Oak Ridge National Laboratory "Evolution of the <i>Populus</i> Genome: From a Reference to Holometabolous to Pan-Genomes" (W725) |
| 4:50pm | Jay Chen,Oak Ridge National Laboratory "Mining RNAseq Data to Determine Differential Gene Expression in <i>Populus</i> Transgenic Lines using Kbase" (W726) |
| 5:10pm | Richard Sibout,INRA-IJPB "A Genome-Wide Sequence-Indexed Collection of <i>Brachypodium</i> Mutants to Accelerate Grain and Biomass Crop Breeding" (W727) |
| 5:30pm | Laura Bartley,University of Oklahoma "Curation of Bioenergy-Relevant Families in the Switchgrass Genome" (W728) |
| 5:50pm | Yuhong Tang,The Samuel Roberts Noble Foundation "A RNA-Seq and Microarray Combined Gene Atlas Database for Perennial Bioenergy Crop Switchgrass" (W729) |
| 4:00pm - 6:10pm | Doriane Research Software And Consulting: Why build An All-In-One Tool For Collaborative Work And Decision Making Assistance In Genetics, Agronomy And Processing? - PACIFIC SALON 1 Organizer: Tristan Duminil, Doriane |
| 5:00pm - 7:00pm | Wageningen Alumni Event - TIKI PAVILION TERRACE We are very pleased to invite you to an informal Wageningen Alumni Meeting on Tuesday 12 January in San Diego. Each year many of our Wageningen University alumni are attending the Plant & Animal Genome conference. A great opportunity for our alumni to reconnect with each other. For that reason, we are planning to organize an informal meeting with drinks and bites for our Wageningen University alumni on Tuesday 12 January in San Diego at the conference venue from 17h - 19h. Please visit our website for more information and registration. More information on the programme and exact location will follow soon. Feel free to forward this message to any Wageningen University alumni that might be interested. In case of any further queries please do not hesitate to contact us via alumni@wur.nl . |

Wednesday - January 18, 2017

| | |
|--------------------------|---|
| 7:00am - 8:00am | Continental Breakfast - GOLDEN BALLROOM |
| 7:00am - 12:00pm | Poster Access - GRAND EXHIBIT HALL |
| 7:00am - 12:00pm | Registration - ATLAS FOYER |
| 8:00am - 8:45am | Plenary Lecture: Rebecca N. Johnson - TOWN & COUNTRY BALLROOM Chair: J. Perry Gustafson, University of Missouri |
| 8:00am | Rebecca N. Johnson,Australian Museum Research Institute, Science & Learning "Genomics and Wildlife Conservation" |
| 8:45am - 9:30am | Plenary Lecture: Thomas Mitchell-Olds - TOWN & COUNTRY BALLROOM Chair: J. Perry Gustafson, University of Missouri |
| 8:45am | Thomas Mitchell-Olds,Duke University "Dissecting Genotype-Environment Interactions and Trait Correlations" |
| 9:30am - 10:30am | Coffee Break - ATLAS FOYER |
| 10:30am - 12:40pm | Animal Genomics and Adaptation to Climate Change - SUNRISE - MEETING HOUSE Organizer: Susan J. Lamont, Iowa State University, Department of Animal Science |
| 10:30am | Licia Colli,Inst. of Zootechnics, Università Cattolica del S. Cuore and Research Center on Biodiversity and Ancient DNA – BioDNA "Small Ruminant Genomics and Adaptation to Climate" (W021) |
| 11:00am | James E. Koltes,Department of Animal Science, University of Arkansas "Cattle Genomics and Adaptation to Climate Change" (W022) |
| 11:25am | Benjamin Hale,Iowa State University "Heat Stress Induces Autophagy in Pig Ovaries during Follicular Development" (W023) |
| 11:50am | Melissa S. Monson,Iowa State University "Characterizing Responses to Heat Stress and Immune Stimulation Using Transcriptomics in Chicken Immune Tissues" (W024) |
| 12:15pm | Carl J. Schmidt,University of Delaware "Integrated Analysis of Liver Transcriptome and Metabolome Response to Heat Stress" (W025) |

Wednesday - January 18, 2017

| | |
|--------------------------|---|
| 10:30am - 12:40pm | EPIC: the Plant Epigenome Project - SAN DIEGO Organizer: Craig Pikaard, Indiana University/HHMI |
| 10:30am | Welcoming Remarks |
| 10:35am | Craig Pikaard,Indiana University/HHMI "Chromosome Position-Effect in Megabase-Scale Silencing of Nucleolus Organizer Regions" (W287) |
| 10:55am | Doris Wagner,University of Pennsylvania "Reprogramming Cell Identity or Function in the Context of Chromatin" (W288) |
| 11:20am | Roger B. Deal,Emory University "Using Epigenomic Tools to Define the Regulatory Structure of Plant Genomes" (W289) |
| 11:45am | Julie Law,Salk Institute "Targeting and Interpreting DNA Methylation in <i>Arabidopsis thaliana</i>" (W290) |
| 12:10pm | Rob Martienssen,HHMI-GBMF Cold Spring Harbor Laboratory "The Maize EnCODE Project: Deciphering the Epigenetic Circuitry of Corn" (W291) |
| 10:30am - 12:40pm | Exploring Phytobiomes - ROYAL PALM SALON 3-4 Organizers: Isabelle Caugant, Eversole Associates, Kellye Eversole, International Alliance for Phytobiomes Research and Jan E. Leach, Colorado State University |
| 10:30am | Kellye Eversole,International Alliance for Phytobiomes Research "From Simple to Complex - Phytobiomes and the 2050 Vision for Agriculture" (W317) |
| 10:55am | Tom Ruff,The Climate Corporation "Layers of Field Data to Enable Better Crop Management" (W318) |
| 11:15am | Nian Wang,University of Florida, IFAS-CREC "Citrus Microbiome" (W319) |
| 11:35am | Janne Kerovuo,NewLeaf Symbiotics, Inc "Pink Pigmented Facultative Methylotrophs for Sustainable Agriculture - the NewLeaf Symbiotics Approach" (W320) |
| 11:55am | Todd C. Mockler,Donald Danforth Plant Science Center "TERRA-REF and Beyond - Systems Approaches to the Sorghum Phytobiome" (W321) |
| 12:15pm | Joshua Herr,University of Nebraska "Comparative Phytobiomes of Plants : a Tale from the Grasses" (W322) |

Wednesday - January 18, 2017

| | |
|--------------------------|---|
| 10:30am - 12:40pm | Flax Genomics - TOWNE - MEETING HOUSE Organizer: Sylvie Cloutier, Agriculture and Agri-Food Canada Co-Chair: Christopher Cullis, Case Western Reserve University |
| 10:30am | Michael K. Deyholos,University of British Columbia "Variation in the Flax Genome and its Application to Bioproducts" (W323) |
| 10:55am | Jan Szopa-Skorkowski,University of Wroclaw,Faculty of Biotechnology "Pleiotropic Effect of Chalcone Synthase Gene Engineering" (W324) |
| 11:20am | Yong-Bi Fu,Plant Gene Resources of Canada "Evidence for Congruent Three-Genome Phylogenetic Signals for Four Botanical Sections of the Flax Genus <i>Linum</i>" (W325) |
| 11:40am | Raju Datla,National Research Council Canada "The Transcriptome of Drought Response in Flax" (W326) |
| 12:00pm | Megan House,University of Saskatchewan "Genome-wide Approaches to Identifying the Basis of Early Flowering in Epimutagenized Royal Flax" (W327) |
| 12:20pm | Khalid Rashid,Agriculture and Agri-Food Canada "Host Pathogen Interaction between Flax and <i>Septoria linicola</i> and the Genetics of Resistance" (W328) |
| 10:30am - 12:40pm | IRIC: Rice Informatics for the Global Community - ROYAL PALM SALON 5-6 Organizer: Kenneth L. McNally, International Rice Research Institute |
| 10:30am | Nickolai Alexandrov,International Rice Research Institute "International Rice Informatics Consortium: 3,000 Rice Genomes Explorations and Beyond" (W568) |
| 10:50am | David Edwards,University of Western Australia "Development of WheatIS and Collaboration between Plant Information System" (W569) |
| 11:10am | Dario Copetti,Arizona Genomics Institute "Development of Gap-Free Genome Assemblies to Capture and Exploit Rice Genetic Variation" (W570) |
| 11:30am | Pierre Larmande,IRD, UMR DIADE, Institut de Biologie Computationalle "The Rice Data Interoperability Working Group" (W571) |
| 11:50am | Tatiana Tatarinova,University of Southern California "Genome-Wide Analysis of SNPs in Promoter Regions of <i>Oryza sativa</i>" (W572) |
| 12:10pm | Jeremy D. Edwards,USDA-ARS Dale Bumpers National Rice Research Center "Ricebase - a Resource for Rice Breeding" (W573) |

Wednesday - January 18, 2017

| | |
|--------------------------|---|
| 10:30am - 12:40pm | UCSC Genome Browser - a home for all organisms - ROYAL PALM SALON 1-2 Organizer: Robert Kuhn, U California Santa Cruz |
| 10:30am | Robert Kuhn,UC Santa Cruz "UCSC Genome Browser - A Home for All Organisms" (W979) |
| 11:55am | Brian Lee,UCSC "UCSC Genome Browser -- Assembly Hubs: Display Any Organism" (W980) |
| 10:30am - 12:40pm | DivSeek – Addressing the challenges and opportunities for information and data sharing associated with plant germplasm - PACIFIC SALON 2 Organizers: Susan McCouch, Cornell University and Ruth Bastow, Global Plant Council |
| 10:30am | Douglas R Cook,University of California-Davis "Ecology and Community Genomics of an Important Crop Wild Relative As a Prelude to Agricultural Innovation" (W267) |
| 10:50am | Jianming Yu,Iowa State University "Thoughts and Examples of Turbocharging the Gene Banks with Genomic Prediction" (W268) |
| 11:10am | Peter Wenzl,CIAT "Cassava Genebank Analysis - Question and Answers" |
| 11:30am | Robert P. Davey,The Genome Analysis Centre "Divseek Working Group - Data Standards for Interoperable Tools" (W269) |
| 11:50am | Elizabeth Arnaud,Bioversity International "A Divseek Working Group on Semantics for Harmonizing Trait and Agronomic Data" (W270) |
| 10:30am - 12:40pm | Computer Demo 4 - CALIFORNIA Organizers: Monica C. Munoz-Torres, Lawrence Berkeley National Laboratory and Brian Smith-White, National Center for Biotechnology Information (NCBI/NLM/NIH) |
| 10:30am | Felix Shaw,Earlham Institute "COPO: A Data Stewardship Platform for Plant Scientists" (C23) |
| 10:45am | Prashant S Hosmani,Boyce Thompson Institute "Systems Biology Resources for the Citrus greening Disease Complex." (C24) |
| 11:00am | Locedie Mansueto,International Rice Research Institute "SNP-Seek Resource for Rice Research" (C25) |
| 11:15am | Ming Chen,University of Tennessee "Elasticsearch Indexing/Search and Expression Data Visualization with Two New Tripal Extension Modules" (C26) |

Wednesday - January 18, 2017

| | |
|-------------------------|--|
| 11:30am | Christine Tranchant-Dubreuil,IRD - UMR DIADE "Toggle-3 : A Framework to Build Quickly Pipelines and to Perform Large-Scale NGS Analysis" (C27) |
| 11:45am | Frederic B. Bastian,SIB Swiss Institute of Bioinformatics - University of Lausanne "Bgee: Database and R Package for Retrieving the Preferred Anatomical Expression Localization of a List of Genes, or of a Single Gene, in Animals." (C28) |
| 12:00pm | Hans Vasquez-Gross,University of California Davis "Using the Wheat Tilling Resource to Find Mutations of Interest" (C29) |
| 12:15pm | Reinhard Simon,International Potato Center (CIP) "Using the Public Plant Breeding API (BrAPI) to Access Data from the Statistical Platform R" (C30) |
| 10:30am - 2:00pm | Sweet Potato and Yam Genomics - SUNSET - MEETING HOUSE Organizers: Craig Yencho, North Carolina State University and Ranjana Bhattacharjee, International Institute of Tropical Agriculture |
| 10:30am | Jim Lorenzen,BMGF "Advances in Sweetpotato and Yam Genomics" (W902) |
| 10:40am | Mercy N. Kitavi,International Potato Center (CIP) "A Multi-Modal Approach for Building Capacity in Sweetpotato Genomics-Assisted Breeding for Africa" (W903) |
| 10:55am | Asrat A. Amele,IITA "Population Development in Yams for Integrating Genomics Application and Predicting Clone Development" (W904) |
| 11:10am | Bode Olukolu,North Carolina State University "An Optimized Genotyping-by-Sequencing Protocol and SNP Calling Pipeline in Diploid and Hexaploid <i>Ipomoea</i> sp" (W905) |
| 11:25am | Dorcus C. Gemenet,International Potato Center (CIP) "Quantitative Genetics in Sweetpotato: Where Are We within the Context of Genomic Tools for Sweetpotato Improvement Project?" (W906) |
| 11:40am | Sachiko Isobe,Kazusa DNA Research Institute "Status of Sweetpotato Genome Sequencing Under TRAS Collaboration: TRAS Sweetpotato Genome Sequencing Consortium" (W907) |
| 11:55am | Thulile F. Nhlapo,Agricultural Research Council/University of the Witwatersrand "The Status of Sweetpotato Viruses in South Africa: Using Viral Metagenomics for the Detection and Characterisation of Potyviruses, Criniviruses, Geminiviruses and Badnaviruses" (W908) |

Wednesday - January 18, 2017

| | |
|-------------------------|--|
| 12:10pm | Roland Akakpo,IRD "African Yam Domestication: Evidences of Selection in Starch, Root and Photosynthesis Related Genes" (W909) |
| 12:25pm | Jessica B. Lyons,University of California, Berkeley "Development of Genomic Resources for the Water Yam (<i>Dioscorea alata</i> L.) for Accelerated Breeding and Improvement" (W910) |
| 10:30am - 2:00pm | Data Resource Sustainability and Funding - PACIFIC SALON 1 Organizer: Tanya Z. Berardini, Phoenix Bioinformatics |
| 10:30am | Welcoming Remarks |
| 10:35am | Simon Hodson,CODATA "The OECD Global Science Forum Project on Sustainable Business Models for Data Repositories" (W248) |
| 11:00am | Jennifer Lin,Crossref "Dryad Digital Repository" (W249) |
| 11:18am | Eva Huala,Phoenix Bioinformatics "The Arabidopsis Information Resource" (W250) |
| 11:36am | Peter D Karp,SRI International "Transitioning BioCyc to a Subscription Model" (W251) |
| 11:54am | Dorrie Main,Washington State University "NRSP10 Crop Databases" (W252) |
| 12:12pm | Fiona M. McCarthy,University of Arizona "AgBase" (W253) |
| 12:30pm | Break |
| 1:00pm | Panel Discussion |
| 10:30am - 2:30pm | GMOD - GOLDEN WEST Organizer: Scott Cain, Ontario Institute for Cancer Research |
| 10:30am | Introductory Remarks |
| 10:35am | Ian Holmes,University of California, Berkeley "Jbrowse Update" (W468) |
| 11:00am | Brigitte T. Hofmeister,University of Georgia "Visualizing Epigenomics in Jbrowse" (W469) |
| 11:25am | Michael S Campbell,Cold Spring Harbor Laboratory "Maker: The Easy-to-Use Genome Annotation Pipeline" (W470) |
| 11:50am | Lunch |
| 1:10pm | Chris Mungall,Lawrence Berkeley National Lab "Graph Chado Database" (W471) |

Wednesday - January 18, 2017

- 1:35pm Dave Clements,Johns Hopkins University
 "Galaxy Community Update" (W472)
- 2:00pm Anil S. Thanki,Earlham Institute
 "Discovery and Visualisation of Homologous Genes and Gene Families Using Galaxy" (W473)
- 2:25pm Concluding Remarks
- 12:30pm - 1:30pm Lunch (Vouchers Provided) - ROYAL PALM COURT & TIKI PAVILION COURT**
- 7:00pm - 11:55pm Closing Banquet Dinner - GRAND EXHIBIT HALL**

Future Meetings

See You Next Year:

PAG XXVI
January 13-17, 2018
Town & Country Hotel
San Diego, CA

And the Year After:

PAG XXVII
January 12-16, 2019
Town & Country Hotel
San Diego, CA

And the Year After:

PAG XXVIII
January 11-15, 2020
Town & Country Hotel
San Diego, CA

Corporate Sponsors

**Thanks to our Corporate Sponsors for their support of
the PAG XXV Conference:**

Bayer CropScience

Note Pads & Pens

Biomax Informatics

Final Program Advertiser

Hewlett Packard Enterprise

Mobile App / Registration Gift

Intel

Mobile App / Registration Gift

Limagrain

Final Program Advertiser

LemnaTec

Portfolio Bags

MilliporeSigma

Attendee Lanyards

Pioneer DuPont

Plenary Sessions

Syngenta

Wifi Service / Computer Room

Thermo Fisher Scientific

Exhibit Hall Aisle Signs

Acknowledgements

The Plant & Animal Genome Organizing Committee and Sponsors would like to thank the following people for their time and commitment to the Plant & Animal Genome XXV Conference.

Abstracts Coordinators

**Gerry Lazo
David Grant
Victoria Carollo Blake**

Travel Grants Coordinator

**Tom Blake
Alison L. Van Eenennaam**

Special Duty Coordinators

**Hans Cheng
Max Rothschild**

Travel Grant Awards

Jerome P. Miksche Travel Grant

David Kainer

Australian National University, Australia

Genome-wide associations of essential oil traits in Eucalyptus polybractea using a low-depth WGS pipeline.

Earl J. Scherago Travel Grant

Katarzyna Gacek

Plant Breeding and Acclimatization Institute National Research Institute Oilseed Crops Research Centre, Poland

Genome-wide association study of genetic control of seed fatty acid biosynthesis in Brassica napus.

Mike D. Gale Travel Grant

Parimalan Rangan

Scientist and Honorary Sr. Research Fellow (QAAFI, UQ)

ICAR-National Bureau of Plant Genetic Resources, PUSA Campus, New Delhi-110012, India

Discovery of the C4 photosynthetic pathway in developing wheat grains.

Scherago International Student Travel Grant(s)

Plant:

Varena Marina Prade

Helmholtz Zentrum Munchen GmbH

A Playground for Innovation: Pseudogenes and Gene Fragments in Barley

Hormat Shadgou

New Mexico State University

The first glimpse at the timing of flower initiation in Carya Illinoiensis

Chiraq Gupta

University of Arkansas

An abiotic stress conditioned gene regulatory network in rice predicted using an ensemble of reverse-engineering solutions

Travel Grant Awards

Scherago International Student Travel Grant

Animal:

Charity Muriuki
Roslin Institute, Scotland

Transcriptomics of Innate Immune Response in The Domestic Goat and Comparative Analysis with Other Ruminants

Rachael Ashby

University of Otago, New Zealand

A Genomic Toolbox (Genome, Transcriptome and GBS) for the New Zealand Greenshell Mussel TM (Perna canaliculus)

Neal A. Jorgensen Genome Travel Grants

Swine:

Haibo Liu
Iowa State University

Swine Transcriptome Characterization by Combined Iso-Seq and RNA-seq for Annotating the Emerging Long Read-based Reference Genome

Cattle:

Jesse Hoff
University of Missouri

Enhancement of QTL-Mapping and Genomic Prediction for Bovine Respiratory Disease

Bioinformatics:

Jicai Jiang
University of Maryland

A Fast and Flexible Method for Improving Genomic Prediction with Biological Information

Sheep/Goat:

Kimberly Davenport
University of Idaho

Understanding the Ramification of Recombination Variation in Sheep

Alisha T. Massa

Washington State University

Genome-wide Identification of Active Enhancers in Sheep Alveolar Macrophages

Travel Grant Awards

Horse:

Erin Burns

University of California, Davis

Generation of an Equine Tissue Biobank for Functional Annotation

Poultry:

Hao Bai

University of Maryland

Allele-Specific Expression (ASE) of CD4+ T Cells in Response to Marek's Disease Virus Infection

Aquaculture Species Group Student and Postdoctoral Fellowship Bursaries

Matthew Conte

University of Maryland

*A High Quality Assembly of the Nile Tilapia (*Oreochromis niloticus*) Genome Provides Insights into the Structure of Two Sex Determination Regions*

Michelle T.T. Crown

Simon Fraser University

*Identification of Genomic Loci Associated with Maturation and Survival in Pacific Coho Salmon (*Oncorhynchus kisutch*)*

Albert Caballero Solares

Memorial University of Newfoundland

*Applying transcriptomic profiling to the formulation of sustainable feeds for Atlantic salmon (*Salmo salar*)*

Nawar Al-Janabi

Mississippi State University

*The Intestinal Immune Responses of Channel Catfish Against Live Attenuated *Edwardsiella ictaluri* Vaccines*

Yulin Jin

Auburn University

A Genome-Wide Association Study of Heat Stress-Associated SNPs in Catfish

Zihao Yuan

Auburn University

Comparative Analyses of Repetitive Elements in 52 Fish Species Revealed Their Association with Evolutionary Adaptation to Aquatic Living Environments

Exhibitor Info

| Company | Booth # |
|---|------------|
| 10x Genomics Pleasanton, CA www.10xgenomics.com | 103 |
| Advanced Analytical Technologies, Inc. Ankeny, IA www.aati-us.com | 116 |
| Affymetrix, See Thermo Fisher Scientific Austin, TX www.thermofisher.com/agrigenomics | 111 |
| Agilent Technologies Santa Clara, CA www.agilent.com/genomics | 212 |
| Agricultural Biological Database Outreach Consortium Cold Spring Harbor, NY goo.gl/z0oQ84 | 407 |
| AgriGenome Labs Private Limited Hyderabad, Telangana, India www.aggenome.com | 507 |
| AgriPlex Genomics Cleveland, OH www.agriplexgenomics.com | 203 |
| Aurora Biomed Inc. Vancouver, BC, Canada www.aurorabiomed.com | 225 |
| Azer Scientific Inc Morgantown, PA www.AzerSci.com | 506 |
| BC Platforms Basel, SWITZERLAND www.bcplatforms.com | 322 |

| | |
|--|------------|
| BGI Americas Cambridge, MA www.bgi.com | 107 |
| BioBam Bioinformatics S.L. Valencia, SPAIN www.blast2go.com | 503 |
| BioChambers Incorporated Winnipeg, MB, CANADA www.biochambers.com | 519 |
| BioDiscovery, Inc. Hawthorne, CA www.biodiscovery.com | 118 |
| Bioline USA Taunton, MA www.bioline.com | 508 |
| Biomarker Technologies Co, Limited Beijing, CHINA www.biocloud.net | 227 |
| Biomatters, Inc. Newark, NJ www.geneious.com | 432 |
| Biomax Informatics AG New Glarus, WI www.biomax.com | 109 |
| BioNano Genomics San Diego, CA www.bionanogenomics.com | 331 |
| Brooks Life Science Systems Chelmsford, MA www.brooks.com | 505 |
| China Golden Marker Beijing, CHINA www.cgmb.com.cn | 529 |

| | |
|--|------------|
| Computomics GmbH tübingen, GERMANY www.computomics.com | 226 |
| Conviron Winnipeg, MB, CANADA www.conviron.com | 617 |
| Crop Science Society of America Madison, WI www.crops.org | 527 |
| CyVerse Tucson, AZ www.cyverse.org | 502 |
| Data2Bio, LLC Ames, IA www.data2bio.com | 133 |
| Diagenode, Inc Denville, NJ www.diagenode.com | 303 |
| Diffinity Genomics / Chiral Technologies, Inc. West Chester, PA www.diffinitygenomics.com | 524 |
| DNA Genotek Ottawa, Ontario, CANADA www.dnagenotek.com | 325 |
| DNA Link USA, Inc. San Diego, CA www.dnalinkus.com | 208 |
| DNASTAR, Inc. Madison, WI www.dnastar.com | 421 |
| DOE Systems Biology Knowledgebase (KBase) Oak Ridge, TN kbase.us | 402 |

| | |
|---|------------|
| Doriane Nice, FRANCE www.doriane.com | 523 |
| Dovetail Genomics Santa Cruz, CA www.dovetailgenomics.com | 302 |
| Dow AgroSciences Indianapolis, IN www.dowagro.com | 124 |
| EMBL-EBI Hinxton, Cambridge, UNITED KINGDOM www.ebi.ac.uk | 405 |
| Eurofins Genomics River Falls, WI www.eurofinsus.com/agrogenomics | 518 |
| Fast ID (by Genetic ID) Fairfield, IA www.fastidkit.com | 511 |
| Floragenex Eugene, OR www.floragenex.com | 509 |
| Fusion Genomics Burnaby, British Columbia, CANADA www.fusiongenomics.com | 633 |
| GE Healthcare Dhamacon Lafayette, CO dharmacon.gelifesciences.com | 522 |
| Gene Codes Corporation Ann Arbor, MI www.genecodes.com | 223 |
| GeneSeek Lincoln, NE www.geneseek.com | 318 |

| | |
|---|------------|
| Genestack Cambridge, UNITED KINGDOM genestack.com | 330 |
| Genetwister Technologies B.V. Wageningen, NETHERLANDS www.genetwister.nl | 128 |
| Geneva Scientific Fontana, WI www.Geneva-Scientific.com | 231 |
| GENEWIZ South Plainfield, NJ www.genewiz.com | 533 |
| Genus, plc DeForest, WI www.genusplc.com | 205 |
| Golden Helix Bozeman, MT www.goldenhelix.com | 122 |
| Illumina, Inc. San Diego, CA www.illumina.com | 319 |
| Integrated DNA Technologies, Inc. Coralville, IA www.idtdna.com | 310 |
| KeyGene Rockville, MD www.keygene.com | 419 |
| Kyazma B.V. Wageningen, THE NETHERLANDS www.kyazma.nl | 619 |
| Lab7 Systems Austin, TX www.lab7.io | 206 |

| | |
|---|------------|
| LC Sciences LLC Houston, TX www.lcsciences.com | 613 |
| LemnaTec GmbH Aachen, NRW, GERMANY www.lemnatec.de | 211 |
| Lexogen Greenland, NH www.lexogen.com | 327 |
| LGC Alexandria, MN www.lgcgroup.com | 119 |
| Lucigen Corporation Middleton, WI www.lucigen.com | 408 |
| Macrogen Seoul, Korea, South dna.macrogen.com/eng | 332 |
| Meghagen LLC Greenbrae, CA www.meghagen.com | 427 |
| Mettler Toledo Rainin Oakland, CA www.shoprainin.com | 526 |
| MilliporeSigma Saint Louis, MO sigmaaldrich.com/agriculture | 312 |
| MO BIO Laboratories, Inc. Carlsbad, CA www.mobio.com | 305 |
| MOgene, LC St. Louis, MO www.mogene.com | 424 |

| | |
|---|------------|
| MP Biomedicals Solon, OH www.mpbio.com | 621 |
| MYcroarray Ann Arbor, MI www.mycroarray.com | 615 |
| Nabsys Providence, RI www.nabsys.com | 430 |
| National Center for Biotechnology Information, National Library of Medicine, National Institutes of Health Bethesda, MD www.ncbi.nlm.nih.gov/home/about/contact.shtml | 328 |
| Neutec Group & Amphasys AG Farmingdale, NY neutecgroup.com | 532 |
| New England Biolabs, Inc. Ipswich, MA www.neb.com | 632 |
| Nextomics Biosciences Co., Ltd Wuhan, Hubei, CHINA www.nextomics.cn | 329 |
| Novogene Corporation, Inc. Chula Vista, CA en.novogene.com | 431 |
| NRGene Ness Ziona, Israel nrgene.com | 126 |
| NuGEN Technologies San Carlos, CA www.nugen.com | 207 |
| Omega Bio-tek Norcross, GA www.omegabiotek.com | 324 |

| | |
|---|------------|
| Oxford Nanopore Technologies Ltd Oxford, UNITED KINGDOM nanoporetech.com | 129 |
| PacBio Menlo Park, CA www.pacb.com | 418 |
| PerkinElmer Austin, TX www.biooscientific.com | 209 |
| Phase Genomics, Inc. Seattle, WA www.phasegenomics.com | 426 |
| PhenoKey De Lier, THE NETHERLANDS www.phenokey.com | 612 |
| Phenospek Heerlen, THE NETHERLANDS www.phenospek.com | 525 |
| PHENOWARE LISSIEU, FRANCE www.phenoware.fr | 429 |
| Phoenix Bioinformatics Redwood City, CA www.phoenixbioinformatics.org | 403 |
| Photon Systems Instruments (PSI) Brno, CZECH REPUBLIC www.psi.cz | 531 |
| PhytoAB, Inc Menlo Park, CA www.phytoab.com | 425 |
| PhytoTechnology Laboratories Shawnee Mission, KS www.phytotechlab.com | 423 |

| | |
|--|------------|
| Porvair Sciences Ltd Wrexham, UNITED KINGDOM www.microplates.com | 630 |
| Promega Corporation Madison, WI www.promega.com | 219 |
| QIAGEN Bioinformatics Waltham, MA www.qiagenbioinformatics.com | 307 |
| Qubit Systems Kingston, Ontario, CANADA http://qubitphenomics.com/ | 406 |
| RAPiD Genomics, LLC Gainesville, FL www.rapid-genomics.com | 232 |
| Rijk Zwaan De Lier, THE NETHERLANDS www.rijkzwaancareers.com | 230 |
| RTLGenomics Lubbock, TX www.researchandtesting.com | 428 |
| Sage Science Inc. Beverly, MA www.sagescience.com | 422 |
| Sequentia Biotech S.L. Barcelona, SPAIN sequentiabiotech.com | 513 |
| SPEX SamplePrep, LLC Metuchen, NJ www.spexsampleprep.com | 120 |
| Springer New York, NY www.springernature.com | 306 |

| | |
|---|------------|
| The Center for Aquaculture Technologies San Diego, CA www.aquatechcenter.com | 131 |
| Theragen Etex Suwon, SOUTH KOREA www.theragenetex.com/bio/ | 530 |
| Thermo Fisher Scientific Austin, TX www.thermofisher.com/agrigenomics | 111 |
| US Department of Energy Genomic Science Program Oak Ridge, TN www.genomicscience.energy.gov | 202 |
| Analytik Jena (formerly UVP LLC) Upland, CA www.uvp.com | 521 |
| V & P Scientific, Inc. San Diego, CA www.vp-scientific.com | 210 |
| VHLGenetics Wageningen, THE NETHERLANDS www.vhlgenetics.com | 127 |
| WPS De Lier, THE NETHERLANDS www.wps.eu | 204 |
| Zymo Research Corp. Irvine, CA www.zymoresearch.com | 233 |

- Abasht, Behnam **W774**, P1119, P1138
 Abbadi, Amine W441, W708
 Abbas Shah Sani, Syed Gul W206,
P0685
 Abbas, Rabeea P0080
 Abbasov, Mehraj P0287
 Abberton, Michael T W111
 Abbott, Albert G. **W340**, P0369
 Abdalla, Salma W103
 Abdelhamed, Hossam W034, P1013
 Abdelnoor, Ricardo V P0437
 Abdelraheem, Abdelraheem P0570
 Abdi, Mona P1033
 Abe, Hanako P0649
 Abegglen, Lisa M. W458
 Abelenda, José W846, P0235, P0813
 Aberlenc-Bertossi, Frederique **W831**
 Able, Jason W155
 Abo el Wafa, Atif P0926
 Aborn, Sharon P1042
 Abrieux, Antoine W055, W395
 Abriol-Santos, Juan Miguel C25, P0346
 Abrouk, Michael W965, **P0843**, P0896
 Abushady, Asmaa Mohammed Aly
 W104, P1177
 Acevedo, Flor Edith W172
 Ache, Peter P0248
 Acosta, Juan José P0582
 Acquadro, Alberto P0419
 Acuña, Ricardo W171
 Adam-Blondon, Anne-Francoise C02,
 C12, W582
 Adams, Keith P0539
 Adams, Stuart W477
 ADAPTmap Consortium, The W021,
 P1101
 Addo-Quaye, Charles P0592
 Adeboye, Micheal O **P0341**
 Adekoya, Khalid O. P0122
 Adekoya, Khalid Olajide **P0420**, **P0423**,
P0436
 Adetunji, Modupeore **P0333**
 Adeyemo, Oluwabusayo S **P0307**
 Adhikari, Elina **P0001**, **P0873**
 Adhikari, Jeevan P0758
 Adhikari, Sajag W460, W588
 Adhikary, Dinesh W791
 Adjei-Fremah, Sarah P0278
 Adkins, Pamela P0426
 Adriana, Garcia Ruiz P1046, P1047,
P1055
 Affolter, Verena W304, P1087
 Aflitos, Saulo W846, P0813
 Afnan, Khalis P0819
 Agaba, Morris P1063, P1102
 Agafonov, Oleg P0988, P0999
 Agarwal, Gaurav P0077, **P0673**
 Aggrey, Samuel E. **W758**
 Agrawal, Shiv Kumar W161
 AGRE, Angelot Paterne W904, P0421
 Ågren, Jon W753
 Aguiar, Aurélio M W338
 Aguiar, Marcelo S. P0415
 Aguilar, Andrea P0985
 Ahlberg, Cashley W133
 Ahmad, Israr **P0864**
 Ahmadi, Nourollah P0778
 Ahmed, Farzin C13, P0324
 Ahmed, Seid P0687
 Ahmed, Talaat A. **P0249**
 Ahn, Min-Jeong P0777
 Ahn, Sang-Nag **P0767**, **P0782**
 Ahner, Beth A. W266
 Aiese Cigliano, Riccardo P0451, P0453,
 P0490
 Aii, Jotaro P0930
 Aishwarya, Veenu W056, P0435
 Aitken, Karen S. **W825**, W889
 Aitken, Sally N. W742
 Aitnazarov, Ruslan P1069
 Ajmone Marsan, Paolo W020, W021,
 W096, P1040, P1045, P1051, P1065,
 P1151, P1157
 Akagi, Takashi W364
 Akakpo, Roland **W909**, **P0101**
 Akashi, Ryo P0328
 Aken, Bronwen P1117
 Akers, R. M. P1062
 Akgol, Mehmet P0289
 Akhunov, Eduard **W388**, **W703**, **W964**,
 P0001, P0036, **P0149**, P0515,
 P0517, P0827, P0862, P0873, P0875
 Akhunova, Alina W388, W703, W964,
 P0036, P0149, P0515, P0827
 Akond, Masum P0662, P0663
 Akpan, Utomobong U P0423, P0436
 Akrouti, Waad P0884
 Al Abri, Mohammed P1092
 Al Adhami, Hala P1059
 Al-Abdallat, Ayed W161
 Al-Bader, Noor **P0215**
 Al-Janabi, Nawar **W034**, **P1013**
 Al-Rubaye, Adnan P0426, P1137
 Al-Tobasei, Rafet P1006, P1008, **P1010**
 Alabdulghafour, Suha P1174
 Alahakoon, Dilmini W691
 Alaux, Michael C12, W569, **W582**
 Albert, Victor A. **W385**
 Albertini, Emidio **W187**, **P0419**
 Albertsen, Marc W183
 Albion, Rebecca L. P0020, P0056
 Albrecht, Elena W159
 Alcasid, Rochelle E. P0807
 Alcock, Thomas P0361
 Aldwinckle, Herb W171
 Aleman, Monica W294, P0081, P1097
 Alexandre, Pâmela Almeida **P1066**,
 P1067
 Alexandrov, Nickolai C25, W079, **W568**,
 W569, W570, W572, P0346
 Alexeyenko, Andrey W376, P0053
 Alexiou, Kostas P0107
 Alfama, Françoise W582
 Alford, Betsy **P0416**
 Algodon, Shela P0017
 Alhaddad, Hasan P1033, **P1174**, **P1178**
 Alhajeri, Bader P1174, P1178
 Alhakami, Hind P0688
 Alharbi, Naiyf S. P0248
 Ali, Ali R. **P1008**
 Ali, Jauhar **W154**
 Ali, Liakat W003
 Ali, Shahjahan **P0313**
 Ali, Shaukat P0901
 Alix, Karine W909, P0101
 Alkan, Ferhat W633, P0065
 Alkan, Noam **W600**
 Alkhaled, Mohammed P0189
 Alkhalfah, Naser **W242**
 Alkharouf, Nadim P0021
 Allaby, Robin G. **W254**
 Allain, Daniel W132
 Allen, Andrew S. W630
 Allen, Kevin P0071, P0788
 Allen, Robert P0468
 Allenbeck, Gabrielle P0528
 Allison, Marc P0468
 Allred, Adam F. P0064, P0084, P0085
 Allwardt, Kristi W133
 Almathen, Faisal W105, P1174, P1175,
 P1176
 Almeida, Andréa M. **W365**, **P0240**
 Alonso, Roberto W146
 Alqudah, Ahmad Mohammad I. P0849,
P0909
 Alsaleh, Ahmad P0838
 Alsdurf, Jacob W748, P0931
 Alshanbari, Fahad W107
 Altman, Naomi P0459
 Altman, Sidney W056
 Altmann, Simone W027, P1016
 Altpeter, Fredy **W699**
 Altrogge, Lena P0143, **P0270**
 Altschmied, Lothar W501
 Alvarado, Gloria P0389
 Alvarez, Marikis P0949
 Alves, Gabriel S. C. P0015
 Alves, Sheila P0812
 Alves-Pereira, Alessandro P0121, P0126
 Alvi, Zain A. **W243**, **P0272**
 Alyan, Meldelokiv P1158
 Amand, Paul St P0894
 Amaral, Andreia W633
 Amaral, Andreia J. P0065
 Amaral, Maria C. E. P0962
 Amasino, Richard P0922
 Ambrose, Mike W212
 Ameen, Gazala P0287, **P0912**
 Amele, Asrat A. **W904**, **P0421**
 Aminon, Innocent N. Dossou W904,
 P0421
 Amirebrahimi, Mojgan P0733, P0734
 Ammar, Karim W155
 Ammari, Mais G. P0378
 Amri, Ahmed W161
 Amundsen, Keenan **P0034**
 Amyot, Lisa P0695
 An, Gynheung **P0766**
 An, Hye Suck **P0027**
 An, Shaun W435
 An, Yue W821
 Anai, Toyoaki P0649

- Anand, Ajith W593
 Anast, Anissa P0389
 Anciro, Ashlee P0627
 Andersen, Jeppe R. W707, P0409, P0858
 Andersen, Stig Uggerhøj **W381**, P0643, **P0648**
 Anderson, Brent P0386
 Anderson, Craig W495
 Anderson, Eric P0917
 Anderson, James A P0823, P0919
 Anderson, James V. W690
 Anderson, JJ P0917
 Anderson, Justin E. P0305
 Anderson, Rayna W028, W531, P0128, P1023
 Anderson, Sara W803, P0381
 Anderson, Sarah N **W955**
 Andersson, Eva P0983
 Andorf, Carson M P0004, P0347, P0348, P0706
 Andrade, Alan C. **W173**
 Andrade, Larissa Mara de P0225, P0226, **P0228**
 Andrade, Pablo W896
 Andralojc, John W730
 Andreassen, Rune P0988, P0999
 Andres, Ryan J W789
 Andy King, C. P0155
 Anger, Christel C02
 Annaluru, Visu W593
 Antczak, Douglas W103, **W292**, **W307**, P1081, **P1088**
 Anthon, Christian W633, P0065
 Anthony, Nicholas B. P0116
 Antin, Parker **W241**
 Antonelli, Alexandre W669
 Antonino-Souza Jr, Jose Dijair P0271
 Antoniou, Eric W820, P0005
 Anuradha, G W435
 Anwar, Nadia P0911
 Anyanga, Walter O. W159
 Anzar, Iratzu P0451, P0453
 Anzoua, Kissonou P0315, P0316
 Aoki, Koh P0800, P0801
 Aponte Villadoma, Mariela P0814
 Appels, Rudi **W578**, W965
 Appleton, Belinda W107
 Aragão, Francisco J. L. P0415
 Arakawa, Aisaku P1171, **P1172**
 Arakawa, Chiho P0261
 Araki, Kazuo P1018
 Arambel, Hanna R. P0430
 Arancibia, Duxan P0987
 Araneda, Cristian **W030**, **P1024**
 Arango, Jacobo W185
 Aranzana, Maria Jose P0620
 Araujo, Ana Claudia Guerra P0236, **P0674**
 Araújo, Fabiano Lucas P0973
 Archibald, Alan L. W094, **W137**, W545, P0371, P1070, P1144, P1161
 Arend, Daniel C15
 Arens, Paul **W664**
 Argout, Xavier **W098**
 Ariani, Andrea W214, **P0680**
 Ariel, Olivier P0193
 Arielly, Rani P0560
 Ariizumi, Tohru P0800
 Arkin, Adam P0310, P0448
 Arkoun, Mustapha P0618
 Arling, Maren W593
 Armero, Alix Augusto **W670**
 Armes, Katherine P0631
 Armstead, Ian P0920
 Arnal, Nadege P0831
 Arnaud, Elizabeth C22, **W142**, **W270**, P0323
 Arojuu, Sai Krishna **W491**
 Arora, Gaurav W804
 Arora, Jaspreet S P0023
 Arraes, Fabricio B.M. P0271
 Arriagada, Gabriel P0985
 Arruda, Paulo P0263
 Arshad, Mohammad P0695
 Arsi, Komala P0430
 Artlip, Timothy W363
 Arumilli, Mejhari P1030
 Arús, Pere P0620
 Arvidsson, Dr. Samuel P0050
 Asamizu, Erika P0327
 Asano, Satomi P0463
 Ascencio-Ibanez, Jose T. W114
 Ashby, Rachael **W028**, P0128, **P1023**
 Ashman, Tia-Lynn W356, W830
 Ashrafi, Hamid P0244, P0245, P0563, P0819
 Ashwell, Chris M. W024
 Ashwell, Christopher M. P1131
 Aslam, Luqman P1001
 Asp, Torben W331, W492, P0918, P0920
 Asselstine, Victoria P0276
 Assoumane, Aichatou W451
 Astreuly, Andrés P1004
 Atamian, Hagop S. W193
 Ateka, Elijah M. W114
 Atlin, Gary **W165**
 Attene, Giovanna P0676
 Aubourg, Sébastien P0009
 Auckland, Susan P0758
 Aung, Banyar P0695
 Aury, Jean-Marc W098
 Austin, Kathleen J. P1154
 Avila, Felipe **W108**, **W299**, **P1096**, **P1098**, **P1173**
 Awale, Mani W691
 Awio, Bruno P0691
 Aya, Koichiro W810
 Ayalon, Idan W215
 Aydagn, Yoseph Beyene **P0705**
 Aykut Tonk, Fatma P0721, P0861, **P0874**
 Ayiliffe, Michael W264, P0037
 Aylng, Sarah C29
 Ayllon, Fernando P0983, P0997
 Ayre, Brian G. **W523**, **P0257**
 Ayyampalayam, Saravanaraj W387
 Ayyappan, Vasudevan **P0087**, P0679, P0846, P0949
 Ba, Nguyen Van P1172
 Baber, Levi P0984
 Babic, Vivijan W462, P0144
 Babiker, Ebrahem P0886, **P0887**
 Bachem, Christian W846, **P0235**, P0813
 Bachmann, Iris W296
 Backlund, Jan Erik **W201**, W516
 Bacon, Christine D. W669
 Badmi, Raghu Ram P0321
 Badouin, Hélène **W188**
 Badwy, Moataz P0189
 Bae, Euiyoung P0185
 Bae, Mi-Ah P0522
 Baebler, Spela **W848**, **P0175**
 Baek, Seunghoon P0540
 Baenziger, P. Stephen W223, P0855, P0865, P0926
 Baer, Sara G W748, P0931
 Baes, Christine F. P0496
 Bagagli, Giorgia C03, P0365
 Bagmet, Larisa P0315, P0316
 Bagnato, Alessandro P0424, P1048, **P1057**, P1127, P1128
 Bahbahani, Hussain Mahdi **W105**, P1065, **P1175**, **P1176**
 Bai, Guihua W709, P0127, P0851, P0882, P0894, P0926
 Bai, Xue P1140
 Bailey, C. Donovan **W342**, P0703
 Bailey, Ernest **W297**, P1083, **P1084**
 Bailey, Paul C. C29
 Baily, Malorie P. W108, P1173
 Bain, Wendy W948
 Bainotti, Carlos T. P0828
 Baird, Hayley W028, P1023
 Baisakh, Nirjanan **W675**, **P0119**, **P0125**, P0750
 Baison, John **W710**
 Bajaj, Prasad P0200
 Bajgain, Prabin **P0145**, **P0823**, **P0832**
 Bajpai, Anju W598, P0635
 Bakasso, Yacoubou W451
 Bakhsh, Allah **P0308**
 Bakhtin, Meirat P1158
 Bakke, Haavard P1001
 Bakkeren, Guus W393, P0879, P0881
 Balan, Bipin P0068, P0531
 Balasubramanian, Vimal Kumar **P0256**
 Balasuriya, Udeni B. R. W297, P1084
 Balbuena, Tiago P0277
 Baldet, Pierre P0801
 Baldwin-Brown, James **W881**
 Ballvora, Agim W161
 Balmant, Kelly W341, P0588
 Baltenweck, Raymonde P0604
 Balzergue, Sandrine W965
 Ban, SeungHyun **P0610**
 Bancroft, Ian P0361
 Band, Mark P0069, P0070
 Bandeira, Ludmila F. W344
 Bangarusamy, Dhinoth Kumar P0068, P0531

- Banks, Travis W. P0808, **P0820**
 Bannasch, Danika P1026
 Banos, Georgios P1155
 Bao, Henan W641
 Bao, Lisui W043
 Barac, Goran P0011
 Baranski, Matthew P1001
 Barba, Paola W366
 Barbato, Mario W021, P1157
 Barbazuk, Brad **W181**, W341, P0588
 Barcaccia, Gianni W187
 Baret, Fred W596
 Baring, Mike P0076
 Barkely, N.A. P0948
 Barker, Brittany **W750**
 Barker, Guy W090
 Barker, Michael S. **W087**
 Barnaud, Adeline W451
 Barnes, Ian **W257**
 Barnes, Natalie E. **P1134**
 Barone, Amalia P0451
 Barreneche, Teresa P0011
 Barreras, Jose Raul W226
 Barreto, Pedro P0263
 Barrett, Brent W495
 Barrett, Craig F. **W669**, **P0979**
 Barro, Marietta W304, P1087
 Barry, Kerrie W. W073, W723, W726,
 W729, W741, W822, P0598, P0728,
 P0761, P0980
 Bart, Eleonor P1062
 Bart, Eleonor M. **P1060**
 Bart, Rebecca **W110**, W113, P0944,
 P0945
 Bartaula, Radhika P0032
 Bartel, David P. W842
 Barth, Susanne W491, P0008, P0920
 Bartley, Laura W073, **W728**
 Bartoš, Jan **W400**, W965
 Baruch, Kobi **W597**
 Basnayake, Veronica P0111
 Bassi, Daniele P0620
 Bassil, Nahla P0614, **P0631**
 Bastiaanse, Héloïse **W343**
 Bastian, Frederic B. **C28**, **P0374**
 Bastien, Catherine C02
 Bastow, Ruth C23
 Basu, Supritim P0779
 Basyirin, Reflinur P0818
 Baten, Abdul W822, P0598
 Bathrachalam, Chandramohan P0531
 Batley, Jacqueline W009, W090, P0554,
 P0837, P0963
 Battista, Ermanno P0490
 Bauchet, Guillaume J. W111, P0464
 Bauck, Stewart P0091
 Baucom, Regina S. **W985**
 Bauer, Anina W296
 Bauer, Bianca P1099
 Bauermann, Fernando V. W636, P1075
 Baughman, Kenneth P0083
 Baulcombe, David C W476, P0136
 Baum, Michael **W161**
 Baum, Thomas J. P0665
 Baumbach, Jordan Lillian P0153
 Baumgartner, Kendra P0528
 Baumgartner, Wes W034, P1013
 Baurens, Franc-Christophe W064
 Baute, Gregory J. W159
 Bautista, Ma. Anita M. P0017
 Baxter, Ivan **W875**, P0458
 Baybayan, Primo **P0031**
 Bayer, Philipp E. W001, W009, W090,
 W279, W569, P0418, P0554, P0963
 Bazzucchi, Cinzia P1086
 Bean, Tim P. P1020
 Beauvieux, Rémi P0619
 Beaver Sequencing Project, The W934
 Beaver, James P0683
 Becerra Lopez-Lavalle, L. Augusto
 W111, W115
 Becker, Claude P0009
 Becker, Frank W846, P0813
 Bedada, Zewdu Edea P1064
 Bednarek, Ryland P0922
 Beeson, Samantha K P1094
 Beeson, SK **W293**, P1076, **P1095**,
 P1099
 Begheyen, Rachel F. **W334**
 Behera, Tusrat K. W236
 Behura, Susanta K. P0277
 Beike, Anna W639
 Beiki, Hamid P1162
 Beilas, Jason W396
 Beilstein, Mark A P0258, P0545
 Belamkar, Vikas **W223**, P0865, P0926
 Bélanger, Richard R. P0159, P0259
 Belcher, Susan P0348
 Bell, Richard P0614
 Bellaloui, Nacer P0662, P0663
 Bellec, Arnaud W897, P0041, P0752,
 P0831
 Bellone, Rebecca R. W295, W303,
 W304, P1087, **P1099**
 Bellout, Sarah P0389
 Bellucci, Elisa P0675, P0676
 Beltran, Jesus **W656**
 Belzile, Francois P0159, P0653, P0655,
 P0668
 Ben Hassen, Manel P0778
 Bénard, Camille P0619
 Benavides, Pablo W172
 Benbow, Harriet Rose **P0229**
 Benda, Katali K. **P1105**
 Bendahmane, Abdelhafid **W717**
 Bendahmane, Mohammed W661
 Benevenuto, Juliana **P0526**
 Bengten, Eva P1012
 Benhamed, Moussa **W463**
 Benjelloun, Badr **W553**
 Bentolila, Stephane W655
 Beremand, Phillip D. W895
 Berendzen, Joel W961, P0351, P0353,
 P0356, P0645
 Berger, Angelique **P0739**
 Berger, Frederic **W721**
 Bergès, Hélène W786, W889, W897,
 P0041, P0752, **P0831**
 Berke, Lidija W846, P0813
 Berkman, Paul J. W825, W889
 Berlin, Konstantin W075
 Bernal Franco, Diana W185
 Bernardo, Amy N. P0894
 Bernardo, Rex W454
 Bernatchez, Louis **W026**
 Bernole, Anne P0613
 Berny, Jorge C. W163, W214, P0680
 Berraies, Samia P0884, P0895
 Berrigan, Matthew W516
 Berry, Simon P0229
 Berthouly-Salazar, Cécile **W451**, P0098
 Bertier, Lien **W189**, P0533, **P0933**,
 P0936
 Bertioli, David P0236, P0674
 Bertioli, David J. W626, P0673
 Bertolini, Francesca **W121**, **W915**,
 P1101, **P1170**
 Bertone, Cecilia P0778
 Bertrand, Annick P0956
 Bertrand, Benoit P0105
 Besha, DB P0687
 Betancourt, Fernando P1038
 Bett, Kirstin W210, W958
 Bettgenhaeuser, Jan W081
 Bevan, Michael W086, P0555
 Beynon, Sarah E. **P0920**
 Bhattacharjee, Ranjana **W100**, W904,
 P0421
 Bhattacharya, Anindya **W196**
 Bhattacharyya, Madan K. P0153
 Bhatti, Sarabjit P0043, P0805
 Bhide, Ketaki P0087
 Bianco, Luca P0009, P0614
 Bibigul, Sarsenova B. P1158
 Bickhart, Derek M. **W124**, W127, W137,
 W138, P1054, P1161
 Bielsa, B. P0251
 Billis, Konstantinos W633, P1117
 Bilton, Timothy P0128
 Bink, Marco C.A.M. W753
 Binns, M.M. W293, P1095
 Birchler, James A. W397, W504
 Birkett, Clay **C14**
 Birol, Inanc W658, P0472, P1182
 Bisaga, Maciej P0915
 Biselli, Chiara P0778
 Bishara, Khaled W507, P0904
 Bishop, Stephen W094
 Bishop, Stephen C. P1070
 Bissonnette, Nathalie W018, P0186,
 P0193, **P1041**
 Bissuel, Christine W284
 Bita, Elena C. P0414
 Bitocchi, Elena P0676
 Black Pyrkosz, Alexis W760
 Black, Brent W477
 Black, Jennifer P0095
 Blackburn, Don P0709
 Blackman, Benjamin K. W193, P0789,
 P0790, **P0978**
 Blackwell, Meredith W392, P0535
 Blake, Nancy P0875

- Blanc, Sophie P0604
 Blanchard, Steven P0486
 Blanchette, Mathieu P0343
 Blanco, Antonio P0217, P0889, P0892
 Blancon, Justin W596
 Blancquaert, Dieter W734
 Blaustein, Leon P0293
 Blaylock, Michael J. W874
 Blekhman, Ran **W126**
 Blissett, Elizabeth Nicole **P0611**
 Blott, S. W293, P1095
 Blow, Matthew P0222
 Bluhm, Burt H. **W390**
 Bo, Kailiang W236
 Bocchini, Marika W187
 Bocharova, Valeria P0891
 Bock, Dan G. **W191**
 Bockus, William W. P0886
 Bocock, Philip P0076
 Bocs, Stéphanie P0573
 Boddupalli, Prasanna **W153**, P0705
 Boe, Arvid W671
 Boerma, Roger P0650
 Boerner, Andreas W967, P0902
 Boeva, Valentina W199
 Boeven, Philipp H. G. **P0841**
 Bogart, Eli W384
 Bogliotti, Yanina P1053
 Bohlmann, Joerg C W658, P0472
 Boichard, Didier P1036
 Boison, Solomon A. P1068
 Bokore, Firdissa P0895
 Boldt, Alberto Souza **P0573**
 Bolger, Anthony **P0507**
 Bolger, Marie E P0326
 Bolger, Tony **W013**
 Bollier, Norbert **W603**
 Bolmgren, Kjell W716
 Bolser, Dan W204
 Boltaña, Sebastian P0075, **P0985**, P0993
 Bolus, Stephen W703
 Bombarely, Aureliano **W008**, **W659**
 Bomblies, Kirsten W685
 Bomhoff, Matthew C16, P0443
 Bongiorni, Silvia P1045
 Bonierbale, Merideth W906, P0814, P0947
 Bonman, J. Michael P0887
 Bonnet, Aurelie W016, P0279, P1050
 Bonnette, Jason W671
 Bono, Hidemasa C18, P0329, P0338
 Booker, Helen M. W326, W327
 Borchel, Andreas W027, P1016
 Bordallo, Patricia N. W354
 Bordbari, Matthew W304, **P0081**, P1087
 Boreham, Douglas P0090
 Borevitz, Justin O. P0450
 Borg, Solange P0202
 Borja, Nikki C25, P0346
 Borm, Theo J.A. P0939
 Bormann, Jennifer W133
 Borowsky, Alexander P0203
 Borrás, Lucas P0828
 Borredá, Carles W146
 Borrill, Philippa **W976**
 Bos, Kirsten P0532
 Boschiero, Clarissa P0697, **P0700**, P1118, P1125
 Bosse, Mirte **W059**, W775
 Bossolini, Eligio P0862
 Botelho de Rezende Neto, Nelson P1037
 Botha, Frederik C **W890**
 Bottje, Walter **W767**, **P0192**
 Bouche, Frederic P0922
 Bouchet, Anne-Sophie W284
 Boukar, Ousmane P0689
 Boussaha, Mekki P1012
 Boutet, Stephane W396, P0074
 Boutie, Philippe P0959
 Boutinaud, Marion P1059
 Bouwmeester, Klaas W846, P0813
 Bovina, Riccardo W461, W785, P0716
 Bovine Respiratory Disease Complex
 Coordinated Agricultural Project
 Research Team, The W134, P1073
 Bovolenta, Luiz A. P0275
 Bowden, Robert L. W703, P0149, P0515, **P0886**
 Bowers, John E. P0793
 Bowman, Daryl T W789
 Bowsher, Julia P0196
 Box, Mathew S. P0728
 Boyd, Lesley P0898
 Boyko, Adam R. **W117**
 Boyle, Brian P1041
 Boyle, Kerry P0822
 Boyle, Michael J. W056, P0435
 Braatz, Janina **W711**, **P0548**
 Bradbury, Peter W595, P0035
 Bradeen, James M. P0608
 Braden, Laura M. P0273
 Bradford, Heather L. W135
 Bradford, Kent W689, P0819
 Bradish, Christine P0631
 Bradley, Daniel G. **W258**
 Bradnam, Keith P1058
 Bradshaw, Jeff P0227
 Braeutigam, Andrea **W386**
 Brancalion, Pedro Henrique Santin P0973
 Brandao, Marcelo P1110
 Brandvain, Yaniv P0795
 Branham, Sandra E. **W234**, **P0546**, P0642
 Bras, Deneli W295
 Braschi, Bryony P0372
 Brase, Logan P1107
 Brashear, Wesley A. **P1032**
 Brasileiro, Ana C. M. P0236, P0674
 Braumann, Ilka W966, P0906
 Braun, Bremen M P0347
 Braun, David M. **W072**
 Brauning, Rudiger W028, W353, W531, W552, P0128, P1023, P1143
 Bravo, Cristian P0987, P0990, P0991
 Bravo, Juliana Pereira P0600
 Bravo, Soraya W365
 Bredeson, Jessen V. W112, W113, P0944, P0946
 BreedWheat Consortium, The P0824
 Breen, James M. W486
 Brennan, Ciarán P0229
 Brent, Zachary W396
 Breseghello, Flavio **P0783**
 Bressan, Eduardo de Andrade P0121, P0126
 Bretani, Gianluca P0910
 Bretaudeau, Anthony P0473
 Bridle, Andrew R. P0194
 Brietzke, Andreas W027, P1016
 Briggs, Steven **W592**
 Brinton, Jemima **W577**, **W788**, **P0856**
 Brito, Luiz F. P0276
 Brito, Michael dos Santos P0225, P0228
 Brito, Michael Santos P0226
 Britto, Ramona **W411**, **P0335**
 Broccanello, Chiara **W888**
 Brohammer, Alex B. **P0717**
 Broocks, Ashley W133
 Brooks, Samantha A. W103, P1077, P1090, P1092
 Brouard, Jean-Simon P1041
 Brouwer, Cory P0486, P0914
 Brown, C. Titus W303, P1026
 Brown, Chris W028, P1023
 Brown, Emily P1026
 Brown, Judith K **W101**
 Brown, Kathleen W439
 Brown, Kim H. W044, P0986, P1002, P1030
 Brown, Maria **W239**
 Brown, Susan C24, P0368, P0718
 Brown, Susan J. W051
 Brown-Guedira, Gina P0132, P0832, P0887, P0903, P0907
 Bruce, Robert **P0653**
 Brueggeman, Robert S. **W971**, P0287, P0912
 Bruford, Elspeth **W308**, **W410**, **P0372**
 Brukhin, Vladimir P0022
 Brunaud, Veronique W965
 Brunelle, Dale C. **P0402**
 Brunner, Ronald M. W027, P1016
 Bruno, Kelsey W133
 Bruskiewich, Richard Michael **C13**, **P0324**
 Bruskin, Sergey W079
 Brutman, Julianna N. W631
 Brutnell, Thomas P. P0138, P0728
 Bryan, Anthony C. W733
 Bryan, Glenn P0811
 Buaboocha, Teerapong **P0212**, P0218
 Buble, Katheryn **W957**, P0354, **P0465**, P0647
 Bucciarelli, Bruna P0661
 Bucher, Etienne **W952**, **P0009**
 Buckler, Edward S. C09, W113, **W449**, W510, W594, W595, P0035, P0441, P0944
 Budak, Hikmet **W937**
 Budka, Joshua S. W594

- Buell, C. Robin W844, W903, W905, P0312, P0760, P0815
- Bueno Cordeiro Maldonado, Mariangela **P1037**
- Buikstra, Jane E. P0532
- Bunn, David A. P0294, P1136
- Burch, Katie P1154
- Burchhardt, Kathleen P0244
- Burdo, Brett W785
- Burgarella, Concetta P0098
- Burge, Dylan O. P0977
- Burger, Johan W692
- Burger, Pamela A. W104, P1177
- Burgess, Shane W253, W772
- Burke, John W852, P0742
- Burke, John M. P0793, P0794
- Burken, Joel W874
- Burkhardt, Alyssa **P0019**
- Burklew, Caitlin P0211
- Burns, Erin W294, **W304, P1087**, P1097
- Burow, Gloria W852, P0742
- Burow, Mark D. P0076, P0104
- Burquez, Alberto P0927
- Burrell, Angela **P0084**, P0085
- Burt, Andrew P0895
- Burt, David W. P1139
- Bush, Stephen J W094, P1070
- Bush, Stephen J. W545, P1144, P1155
- Bushakra, Jill M. P0631
- Bushman, Bradley S. **W676**
- Bustamante, Carlos P1077
- Butler, Jakob B. W822, **P0598**
- Butty, Adrien M. **P0496**
- Byrne, David **W663**
- Byrne, Patrick P0855, P0861
- Byrne, Philip P0273
- Byrne, Stephen W491, P0008, **P0810**, P0920
- Caballero-Solares, Albert **W032, P0995**, P1000
- Cabral, Adrian P0854
- Cabrera, Andrea A. W458
- Cabrera, Danilo P0634
- Caccamo, Mario J W569, P0350, **P0468**
- Cacho, N. Ivalú P0977
- Cadle-Davidson, Lance P0072
- Cadorna, Charles Anthon E. P0017
- Caestecker, Evelyn P0842
- Cai, Shibin P0894
- Cai, Xiwen **P0825**
- Cain, Scott **W584**
- Cakir, Mehmet P0874
- Calafiore, Roberta P0451
- Calcutt, Michael P0426
- Caldana, Camila P0152
- Caldwell, Denise W498
- Calic, Irina **P0592, P0793**
- Callen, Steven W794
- Callesen, Henrik P0187
- Calvey, Christopher H. W392, P0535
- Calvo, Vanesa **P0397**
- Camargo-Rodriguez, Anyela W081
- Cammack, Kristi P1154
- Campbell, B. Todd P0357
- Campbell, Benjamin W. W601, P0658, **P0661**
- Campbell, Heather L. P0884, P0895
- Campbell, Jacqueline D. W961, **P0331, P0351**, P0353, P0356, P0645, P0646
- Campbell, James P0433
- Campbell, Michael S **W470**
- Campbell, Michael S. **W630**, W820, P0005, P0072
- Campbell, Nathan W030, **P1017**, P1024
- Campbell, Zachary P0401
- Canales, Francisco W653
- Canama, Alma O. P0039, P0061, P0731, P0807
- Cannon, Ethalinda **W566**, W961, P0331, P0347, **P0348**, P0351, P0353, P0356, P0645
- Cannon, Steven P0671
- Cannon, Steven B. **W626**, W961, P0351, **P0353**, P0356, P0645, P0646
- Cano, Margarita W132
- Cánovas, Angela W373, **P0276**
- Cansev, Asuman P0124
- Cantao, Mauricio Egidio P1118
- Cantrell, Bonnie W020, P1040, **P1042**
- Cantu, Dario W176, **W487**, P0528
- Cao, Han P0969
- Cao, Mingshu P0128
- Cao, Phuong P1111
- Cao, Qinghe W907
- Cao, Tuong-Vi P0778
- Cao, Wenguang P0893
- Cao, Yaping P0825
- Cao, Yinghao W180, P0007
- Capomaccio, Stefano **P1086**
- Cappelli, Katia P1086
- Capra, Emanuele W020, P1040, P1051, P1151
- Caputo, P. W293, P1095
- Carareto, Claudia W172
- Caraviello, Daniel P0709
- Carazzolle, Marcelo Falsarella P1037
- Carbonell, Jose W146
- Cardeno, Charis W352
- Cardi, Céline W064
- Cardona, Don Emanuel M. P0039
- Cardoso- Silva, Claudio Benicio W897
- Cares, Juvenil Enrique P0015
- Carey, David P0592
- Carey, Edward W903
- Carey, Edward E W906
- Carino, Elizabeth J. P0514
- Carlson, Craig H. **W337**, P0250, **P0957**
- Carlson, John E. P0250, P0592, P0593
- Carlson, Joseph W. P0334, P0342, **P0455**
- Carman, John G. **W186**
- Carmelo, Victor Adriano Okstoft **P0470**
- Carmo, Adriana S. **P1054**
- Carmo-Silva, Elizabete W730
- Carneiro, Fernanda de A. W173
- Carollo Blake, Victoria P0645, P0646
- Caron, Carolyn T. W958
- Carpenter, Meredith P1077
- Carpentier, Marie-Christine **P0088**
- Carrasco, Basilio W542
- Carrasquilla, Noelia W206, P0685, P0687
- Carreel, Françoise W064
- Carter, Arron H. P0862
- Carter, Johanna R. P0245
- Carter, Margie P0984
- Carter, Thomas P0650, P0664
- Cartwright, Amy P0980
- Caruana, Julie **W357**
- Carvalheiro, Roberto P0998
- Carvalho Jr, Ailton P0802
- Carver, Brett F. P0855, P0857
- Casas, Eduardo W636, P1075
- Caseys, Celine W191
- Casler, Michael W491, P0312, P0760
- Casola, Claudio W352, **P0583**, P0584
- Castaneda, Caitlin **P1179**
- Castañeda, Nancy E. N. P0015
- Castellano, Michael P0727
- Castelló, Anna W912
- Castillo Avila, Diana Katherine **W115**
- Castillo, Elizabeth W794
- Castonguay, Yves P0956
- Catalan, Pilar W741, P0980
- Catalanotti, Claudia W011, W076, **P0074**
- Catchen, Julian P0973
- Cato, Caleb P0288
- Cato, Susan **W871**, P0337, P0386
- Cattivelli, Luigi W155, **W556**, P0778, **P0910**
- Cattonaro, Federica W496, P0932
- Cauet, Stephane P0041, P0831
- Caugant, Isabelle P0006
- Caulin, Aleah F. W458
- Causse, Mathilde **W936**
- Cavagnaro, Timothy W486
- Cavaignac, Sébastien P0959
- Cavallari, Marcelo Mattos P0973
- Cavanaugh, Keri P0533
- Cecchobelli, Simone P1106
- Cellesi, Massimo P0503
- Celton, Jean-Marc P0009, P0614
- Centeno, Danilo C. P0137
- Cerati, Elisa P0419
- Cerbin, Stefan H. **P0964**
- Cericola, Fabio W333, **W707**, P0392, P0858
- Cerolini, Silvia P1127, P1128
- Cesar, Aline S.M. P1125
- Chadchawan, Supachitra P0212, **P0218**
- Chagné, David **W353**, W360, P0614
- Chagoya, Jennifer P0076
- Chague, Aurélie W366
- Chair, Hana W909, P0101
- Chakraborty, Shreyasee P0031
- Chakravarthy, Navajeet P0572, P0791
- Chakravarthy, Suvo P0156
- Chalhoub, Boulos **W085**, W741, P0980
- Challis, Richard J **C08, P0446**
- Chalmers, Ken P0913
- Chamala, Srikanth W181
- Chamba, Emmanuel W904, P0421

- Chamberlain, Amanda J. W130, W369
 Chamberlin, Mark W593
 Chambers, Lisa P0405
 Chan, Agnes P. **W046**, W337, **P0325**,
 P0353, P0645, P0957
 Chan, Chon-Kit Kenneth W090, W569,
 P0963
 Chan, Saki **P0969**
 Chan, Ting-Fung P0506
 Chan, Wenyuan P1129
 Chandnani, Rahul **P0578**
 Chang, Che-Wei **P0633**
 Chang, Junil P0095, P0355
 Chang, Lawrence P0288
 Chang, Peter W206, P0685
 Chang, Shuang W762
 Chang, Yuanyuan **P0489**
 Chanthavixay, Kelly P1132
 Chantry Darmon, Celine **P0041**
 Chao, Shaoman W388, W964, P0001,
 P0036, P0517, P0825, P0827,
 P0859, P0862, P0873, P0887, P0890
 Chao, Wun S. **W690**
 Chapman, Antony V. E. W614
Chara braunii Genome Consortium, The
 W637
 Charmet, Gilles C12
 Charron, Carine W889
 Chase, Christopher P1074
 Chaverri, Alldo P0819
 Che, Ping W183
 Chebotarov, Dmytro C25, W079, P0346
 Chebukin, Pavel P0315, P0316
 Cheema, Hafiza Masooma Naseer
 P0253
 Chekalin, Evgenii W079
 Chekhovskiy, Konstantin P0095
 Chen, Ailu P1015
 Chen, Changbin W801, P0722
 Chen, Chun-Peng **P0483**
 Chen, Chunxian **P0123**
 Chen, Dijun P0849
 Chen, Hao P0773, P0774
 Chen, Hong P1049
 Chen, Hui **P0851**
 Chen, Jay **W726**, **W733**
 Chen, Jie P0565
 Chen, Jinbo P0326
 Chen, Jinfeng W236, **W813**, P0296,
 P0607, **P0776**
 Chen, Jingfan P0127
 Chen, Junping W852
 Chen, Ling-Ling W821
 Chen, Liping **W479**, **P0439**
 Chen, Ming **C26**, W561, W709, W956,
 P0002, **P0473**, P0876, P0882
 Chen, Noel **W942**
 Chen, Pengyin W003
 Chen, Ruiyun **P0117**
 Chen, Shiyu **P0981**
 Chen, Shu-Yun W594
 Chen, Sixue P0200
 Chen, Wei **W925**, **P0029**, **P0713**
 Chen, Weidong **P0702**
 Chen, Wen W839
 Chen, Xianming P0890
 Chen, Xiao-Ya **W524**, W739, P0567,
 P0574, P0580
 Chen, Z. Jeffrey **W737**
 Chen, Zhenbang P0118
 Cheng, Canhong W360
 Cheng, Chun-Huai C19, W080, W359,
 W418, W956, W957, W960, P0354,
 P0357, P0369, P0465, P0467, P0647
 Cheng, Chunyan P0296
 Cheng, Hans **W760**, P0274, P1115
 Cheng, Hans H. W631, W761
 Cheng, Jianping P0910
 Cheng, Shifeng **P0003**
 Cheng, Zhihao W800
 Cheng, Zong-Ming (Max) W733
 Cherif, Emira **W666**
 Cherifi, Youcef W104, P1177
 Chern, Mawsheng P0761
 Cheruiyot, Evans Kiptoo P1063
 Chewning, Sarah K W022, P1044
 Chi, Dawn P0893
 Chiari, Lucimara P0759
 Chicaiza, Oswaldo P0828
 Chieh-Ying, Lee P0552
 Chijioke, Oyiga W161
 Chilcoat, Doane **W014**
 Childers, Anna P0196
 Childers, Christopher **W962**
 Childs, Kevin P0927
 Childs, Kevin L. P0019, **P0230**
 Chilvers, Martin P0670
 Chin, Han-shiuan P0552
 Chin, Jason W077, W176, W820, P0005
 Chiquette, Johanne P0186
 Chitikineni, Annapurna **P0077**, P0200
 Chitwood, Daniel H W474, W478, W789
 Chitwood, James L. P1115
 Chiu, Joanna **W055**
 Chiu, Joanna C. **W395**
 Cho, Gi-Won P0408, **P0777**
 Cho, Kang Hee P0366
 Cho, Kyoung Tak P0347
 Cho, Lae-Hyeon P0766
 Cho, Sung Ki P0514
 Cho, Whan P0366
 Cho, Yong-Gu **P0213**, **P0214**, P0303
 Cho, Young B. W843
 Choe, Junkyoung P0510
 Choi, Beom-Soon P0370, P0954
 Choi, Doil P0970
 Choi, Jaeyoung P0355
 Choi, Jeong-Hyeon P0027
 Choi, Jisu **P0408**
 Choi, Sang Chul P0150
 Choi, Seo-Hee P0265
 Choi, So-Young P0114
 Choi, Su-Ryun P0542
 Choi, SuRyun W543
 Choi, Yong-Soo W868
 Choi, Yongwook W337, P0957
 Choisne, Nathalie P0009
 Chopra, Ratan W852, P0076, P0104,
 P0742
 Choudhary, Bibha P0063
 Chouffani, Jamal P0917
 Chougule, Kapeel W203, W481, W627,
 P0447, P0762
 Choulet, Frédéric **W575**, W582, W951
 Chow, William W137, P1161
 Chowdhary, Bhanu P P1085
 Christelová, Pavla P0843
 Christensen, Kristen A. W037, P0992
 Christensen, Shawn A. **P0223**
 Christensen, Svend P0643
 Christensen, Nanette **W335**, **P0597**
 Christmann, Hélène P0619
 Christodoulou, Thalia P0229
 Chu, Justin W658, P0472
 Chu, Tin-Chun P0272
 Chud, Tatiane, C. S. P1054
 Chun, Areum P0771
 Chung, Chong-Tae P0782
 Chung, Claire Yik-Lok **P0506**
 Chung, III-Min P0777
 Chung, SangMin **P0640**
 Chung, Yong Suk P0150
 Church, Deanna W011, W012, **W396**,
 P0074
 Church, Deanna M. **W076**
 Chutimanukul, Panita P0218
 Chwialkowska, Karolina **P0059**
 Ciani, Elena P1157
 Çiçek Bulguroğlu, Çiğdem P0861
 Cichero, Daniela P0990, P0991
 Cichy, Karen P0681
 Cinar, Mehmet Ulas W532, P1103
 Ciobanu, Daniel C. **W919**, P1168
 Cisana, Selena P0423
 Cissé, Ndiaga W162, P0689
 Civi, Gizem P0721
 Claessens, Annie P0956
 Clark, Andrew P1088
 Clark, Daniel L. W766
 Clark, Dominic **W416**
 Clark, Emily P1102
 Clark, Emily L. **W545**, **P1144**, P1155
 Clark, James W641
 Clark, Janice K. P0402
 Clark, Karen **W609**
 Clark, Kelley W497
 Clark, Lindsay V. **P0315**, P0316
 Clark, Matthew W419, P0811
 Clark, Matthew D. W691
 Clark, Richard M. P1111
 Clark, Tyson A. W399, **P0082**
 Clarke, Carling P0835
 Clarke, Fran P0850
 Clarke, John M. P0850
 Clarke, Laura **W372**, **W412**, P0371
 Clarke, Rebecca W948
 Clarke, Shannon W028, W353, W531,
 W552, P0128, P1023, P1143
 Clarkson, John W192
 Claudel, Patricia P0604
 Clavijo, Bernardo J. W419, **W968**

- Cleary, Alan W961, P0449, P0645
 Cleary, Alan M. P0351, P0356, **P0511**
 Clement, Charles Roland P0121, P0126
 Clemente, Thomas E P0224, P0318
 Clements, Dave **W472**
 Clevenger, Josh **W589**, P0673
 Clifton-Brown, John C. P0317
 Clop, Alex **W912**, **P1167**
 Close, Timothy J. W162, **W220**, P0688,
 P0689, P0690
 Cloutier, Sylvie **P0233**
 Coaker, Gitta W497
 Çoban, Nergiz P0622
 Cober, Elroy P0655
 Cochrane, Guy P0371
 Cockett, Noelle W123, W544, **W644**,
 P1142, P1143, P1146
 Cockrum, Rebecca P1060, P1062
 Cockrum, Rebecca R. P1154
 Coe, Michael W359, W418, **W423**
 Coelho, Alexandre S. G. W344
 Coelho, Carla P. **W382**
 Coelho, Roberta R P0271
 Coen, Enrico W212
 Coffey, Mike P1102
 Cogdill, Jessica P0071
 Cohu, Christopher W874
 Coin, Lachlan J W905
 Colantonio, Vincent **W377**
 Colas, Isabelle **W686**, **P0299**
 Cole, John B. P1049, P1054
 Coleman, Craig E. **P0102**
 Coleman, Michelle P0718
 Coleman-Derr, Devin P0340
 Coletti, Mauro P1086
 Colgan, Matthew P0319
 Coll, Anna P0175
 Colle, Marivi P0641
 Collevatti, Rosane G. W344
 Colli, Licia **W021**, **W529**, P1045, **P1157**
 Collins, Cassandra W486
 Collins, Paul P0670
 Colombi, Cinzia P0778
 Comai, Luca W343, W364, P0212
 Comar, Alexis W596
 Comino, Cinzia P0419
 Comstock, Jack W892
 Conaghan, Patrick W491
 Conant, Gavin P0131, P1154
 Concepcion, Gregory T **P0508**
 Condon, Brian D W525
 Coneva, Viktoriya W789
 Conn, Bill J. P0386
 Conner, Joann A. W183, W184, W225
 Conte, Matthew A. **W042**, **P1019**
 Conte, Monica W897, P0752
 Conti, Elena W501
 Contreras-Moreira, Bruno W741, P0980
 Cook, Deborah P1077
 Cook, Douglas R W206, **W267**, P0416,
 P0518, P0685, P0687
 Cook, Jennie W300, P1093
 Cooksey, Amanda M. W772
 Coombe, Lauren W658, P0472
 Coombs, Joseph W844
 Coope, Robin J W658, P0472
 Cooper, Laurel C22, P0323
 Cooperstone, Jessica L. P0234
 Copenhagen, Gregory W800
 Copetti, Dario **W570**, W821, **P0927**
 Coriton, Olivier W064
 Corke, Fiona W081
 Corlouer, Erwan W284
 Cornelissen, Stephanie **W692**
 Cornut, Guillaume **C12**
 Corrales, Alba R. **P0806**
 Correll, Jim P0937
 Cortes, Rosemarie V. P0807
 Cortijo, Sandra P0618
 Cosson, Patrick P0959
 Costa, Marcos Mota P0015
 Costantini, Laura C03, P0365
 Cottingham, Robert W. P0310, P0448
 Couderc, Marie W451
 Coughlan, Aisling Y. W392, P0535
 Coulee, Manon P0367
 Coulman, Bruce P0315, P0316
 Coupland, George W753
 Courtice, Rachel M. W500
 Cousins, Greig W495
 Coutinho, Luiz L. P1118, P1125
 Covarrubias-Pazaran, Giovanny P0629
 Cowan, C. Michael P0067
 Coyne, Clarice J P0354, P0647
 Cozzi, Maria C. **P0424**, P1127, P1128
 Cram, Dustin W393, P0821, P0879,
 P0881
 Cramer, Grant R. **W485**
 Crane, Charles F. **P0966**
 Crasta, Oswald R. P0709
 Creedon, Joanne P0812
 Cregan, Perry P0650
 Cremonesi, Paola P1051
 Crepaldi, Paola W021, W529
 Crepeau, Marc W352
 Creste, Silvana **P0225**, P0228
 Creux, Nicky M. W193
 Crimi, M. W516
 Crisovan, Emily W844, P0760, P0815
 Croiseau, Pascal **P1036**
 Croll, Daniel P0526
 Cronn, Richard W352, W694, P0398,
 P0591
 Crooijmans, Richard W370, **W776**
 Crossa, Jose P0705
 Crouzillat, Dominique P0106, P0367
 Crowhurst, Ross N W353, W358, W360
 Crown, Michelle T.T. **W037**, **P0992**
 Cruet-Burgos, Clara M. **P0746**
 Cruickshank, Alan W W858, P0738
 Cruz, Christian D **W615**
 Cruz, Guilherme M. Q. W954
 Cruz, María Victoria Romero W897,
 P0752
 Cruz, Rudy W906, P0947
 Cubeta, Marc A. P0244
 Cubry, Philippe P0098, P0786
 Cuevas, Hugo E. P0551, P0746
 Cui, Yanru P0712
 Culbreath, Albert P0673
 Cullen, Daniel **W391**
 Cullis, Christopher **P0704**, **P0938**
 Cullis, Margaret P0938
 Cumér, Tristan **W551**
 Cuozzo, Frank W121
 Curk, Franck W146
 Curry, John D. **P0834**, P1149
 Curtin, Shaun J **W380**, W601
 Curtolo, Maisa P0654
 Cushman, John C. P0020, P0056,
 P0182, P0399, P0928
 Cushman, Kevin R. P0141, **P0571**,
 P0780
 Cuthbert, Richard W462, P0144, P0884,
 P0895
 Cuthbert, Richard D. P0835, P0850
 Cutler, Adrian J W632
 Czarnecki, Olaf W733
 Czypionka, Till P0293
 D'Andrea, Mariasilvia **P1065**, P1106
 D'Eustachio, Peter W482, W490, P0364,
 P0602
 D'Hont, Angélique W064, W889
 da Fonseca, Rute R. **W058**
 Da Ines, Olivier W796
 da Silva Junior, Orzenil B. W173, W338,
 W354, W822, P0598
 Da Silva Pereira, Guilherme W905,
 P0759
 Da, Yang P0497, **P0498**
 Daba, Sintayehu D. **P0132**
 Daccord, Nicolas P0009
 Dadi, Hailu P1064
 Daetwyler, Hans **W330**
 Daetwyler, Hans D. **W130**, **W369**, W557,
 P1143
 Dahlberg, Jeffery P0319
 Dahle, Geir P0997
 Dahmer, Nair W897, P0752
 Dai, Xinbin P0355, **P0694**, P0697, P0700
 Dale, James **W063**
 Dalen, Love **W259**, **W427**
 Daley, James P0642
 Dallas, Mary M. W114
 Dalrymple, Brian W123, W544, P1142,
 P1146
 Daly, Kevin **W530**
 Damaj, Mona B. **W895**, P0410
 Damodaran, Suresh W460, W588
 Dancel, Melvin P. P0039
 Danilova, Tatiana V. P0297, **P0897**
 Dansi, Alexandre W904, W909, P0101,
 P0421
 Darben, Luana M. P0437
 Dardick, Christopher **W228**
 Daron, Josquin W951
 Darrah, Timothy **P0422**
 Darwish, Omar P0021
 Das, Pranab J W108, P1173
 Das, Sayan P0576
 Dash, Sudhansu **W961**, P0351, P0353,
 P0356, P0645

- Dassanayake, Maheshi P0537
 Datla, Raju **W326, W462, P0144**, P0870
 Datson, Paul W360
 Datta, Swapna K W435
 Dave, Varshal **P0488**
 Davenport, Guy F P0481
 Davenport, Kimberly M. P1052, **P1150**
 Davey, Chris P0317
 Davey, Robert P. C23, **W139**, W212, W245, **W269**, W473, W569, P0482
 Davey, Sean C16, P0443
 Davidson, Patrick P0455
 Davidson, Robert W896
 Davidson, William S. W037, P0992
 Davies, John **W283**
 Davies, Kevin M. W360
 Davis, Bria P0389
 Davis, Brian W. W122, **W457**
 Davis, Charles C. P0962, P0977
 Davis, John P0544
 Davis, Jon F. W631
 Davis, Mark P0321
 Davis, Selma P0709
 Davis, Theodore B P0975
 Davis, Thomas M. P0623, P0624, P0625, P0960
 Davy, Marcus P0089
 Dawe, R. Kelly **W677**, W820, P0005
 Day, Carlie P0288
 de Bang, Thomas Christian P0697, P0700
 de Barry, Jeremy W203
 De Beukelaer, Herman **P0481**
 de Carvalho*, Kenia P0437
 de Carvalho, Mayra C. C. G P0437
 De Francesco, Agustina W497
 de Groot, Maarten P0064, **P1039**
 De Grossi Mazzorin, Jacopo P1157
 de Jesus, Erika Maria W954
 De Jesus, Susana P0234
 de Jong, Hans W846, P0813
 De Keyser, Ellen W661
 de Kochko, Alexandre P0106, P0367
 De Koeyer, David W904, P0421
 De la Hoz, Juan Fernando C06
 de los Campos, Gustavo W341, **W879**
 de los Reyes, Benildo G. P0139, P0140, P0141, P0571, P0780
 De Oliveira, Antonio Costa **W164, W819**
 De Pinto, Maria Concetta P0217
 de Ridder, Dick W775
 De Riek, Jan W661
 De Santiago, Luis M. **P0563**
 de Setta, Nathalia W954
 De Steur, Hans W734
 De Swaef, Tom W071
 de Vega Bartol, Jose P0920
 De Vega, Jose W494
 De Vita, Pasquale P0889
 de Vries, Jan **W637**
 Deal, Karin R. P0298, P0833
 Deal, Roger B. **W289**
 Dearinger, Summer P0677
 Debernardi, Juan M. **W972**
 Debladis, Emilie P0088
 Deblieck, Mathieu P0866
 Deck, John W716
 Decker, Jared E. W134, P1065, P1073
 Decroocq, Veronique W366
 Defilippi, Bruno G. P0181
 Degner, Jon W742
 DeHaan, Lee W673, P0919
 Dekkers, Jack C.M. **W757**, P0294, P1136, P1163, P1169
 Del Corvo, Marcello W020, W021, P1040, P1045, P1151, P1157
 Del Peloso, Maria J. P0415
 Del Valle Echevarria, Angel P0252
 Delame, Marion **P0604**
 Delany, Mary E. W631, W760, **W761**, P0274, P1115
 Delay, Eugene P1042
 Delbono, Stefano P0910
 Delhom, Chris D. W525, P0577
 Delhomme, Nicolas W335
 Dell'Acqua, Matteo P0676
 Dellaporta, Stephen W185
 Delledonne, Massimo P0676
 Demars, Julie **W132**
 Demasius, Wiebke P1079
 Dementyeva, Natalia V. P0115
 Demurjian Jr, Steven A P0358, P0360
 den Toom, L. Arnoldus P0940
 Denance, Caroline P0613
 DeNardo, Erin K. W630
 Denby, Katherine C23, **W192**
 Deng, Cecilia H. W353, W360, P0089, P0614
 Deng, Dewayne P0577
 Deng, Xuemei P1148
 Deng, Yuxing **W540**
 Deng, Zhanao P0605, P0606
 Denny, Ellen G. W716
 Deokar, Amit P0686
 dePamphilis, Claude W010, **W099**, **W700**, P0459
 DePauw, Ron P0850, P0884
 DePerez, Jordan P0389
 DePriest, Michael P1084
 DePriest, Michael S. W297, **W306**, W311, **P1078**
 DeQuigiovanni, Gabriel P0121, **P0126**
 Der, Joshua P. P0459
 Dereeper, Alexis C10, P0442
 Derkx, Martijn F.L. W775
 Dermauw, Wannes P1111
 Derrien, Thomas W633, P0065
 Dervinis, Christopher W341, P0588
 Des Marais, David L. **W278**
 Descombes, Patrick P0106
 Deshmukh, Rupesh **W004**, P0159, **P0210**, P0259
 Deshpande, Shweta P0222
 DeSilva, Kalpani P0504, **P1083**
 DeSilva, Udaya W133
 Desmier, Nadege P0613
 Detras, Jeffrey C25, P0346
 Détréée, Camille P0075, P0993, P1003
 Dettleff, Phillip P1021
 Deuter, Martin P0316
 Devare, Medha **W145**
 DeVetter, Lisa C19, W359, W418
 Devisetty, Upendra W203, **W627**
 Devitt, Nicholas P0694
 Devkota, Ravindra W709, P0882
 Devlin, Robert H. W037, P0992
 Dew-Budd, Kelly **P0258**
 Dey, Shatovisha **P0116**
 Dey, Tulsi **P0108**
 Deyholos, Michael K. **W323, W791**
 Dhakal, Smit W709, P0882
 Dhanapal, Arun Prabhu P0155
 Dhandapani, Vignesh W543, P0542
 Dhanoa, Jasdeep K P0023
 Dhariwal, Raman P0872
 Dharmawardhana, Palitha W932
 Dhaubhadel, Sangeeta **P0154**
 Dhingra, A. P0251, P0614
 Dhingra, Amit P0163
 Di Berardino, Marco P0393
 Di Gaspero, Gabriele W489
 Di Pierro, Erica A. P0009
 Diallo, Abdoulaye C27, P0469
 Dias, Renata O. P0754, P1110
 Diaz Garcia, Luis A **P0629**
 Diaz, Federico W906, P0947
 Diesh, Colin P0444
 Diesh, Colin M. W128, P0375, P1034
 DiFazio, Stephen P. W337, W350, P0957
 Dilkes, Brian P. P0458
 Dillenberger, Markus S. W830
 Dimauro, Corrado P0503
 Dinegde, Kassaye W206, P0685
 Dinesh, M.R. W598, P0635
 Dinh Thi, Vinh Ha W085, W741
 Dinh-Thi, Vinh-Ha P0980
 Diniz, Augusto L. P0654
 Dinneny, Jose P0172
 Dinsdale, Elizabeth W807
 Dirlewanger, Elisabeth P0011, **P0618**, **P0619**
 Distelfeld, Assaf **W217, W787**
 Dixon, Richard W728
 Djebali, Sarah **W633**, P0065
 Djedatin, Gustave W909, P0101
 Djikeng, Appolinaire **W168, W511**
 Dlugosch, Katrina W750
 Do, Duy N. W018, P0193
 Do, Duy Ngoc **P1056**
 Dobbels, Austin A. W601
 Dodds, Ken W495, W531, W552, W948, P0128
 Dogramaci, Munevver W690
 Dohle, Sarah M. W163
 Dolan, Peter **W694**
 Doležel, Jaroslav W400, W784, W965, P0297, P0837, P0843, P0896
 Dolores, Lolita M. P0807
 Domier, Leslie P0527, P0672
 Domingo Carrasco, Concha W146
 Domingo, Jomari C. P0731
 Domingues, Douglas S. **P0137**

- Domoney, Claire W212
 Donaire, Guillermo M. P0828
 Donaldson, Sylva P0343
 Doncheva, Nadezhda T. **P0184**
 Dong, Kunzhe W762
 Dong, Lingli W180
 Dong, Qian **P1169**
 Dong, Qianni W663
 Dong, Yang P1156
 Dong, Zhenzhen P0890
 Dommez, Dicle P0239, P0289
 Donnison, Iain P0317
 Donoghue, Annie **P0430**
 Donoghue, Dan J. P0430
 Donoghue, Philipp W641
 Donovan, Lisa A P0793
 Doohan, Fiona P0229, P0301
 Doonan, John W081, W741, P0980
 Dopazo, Joaquin W146
 Dorn, Kevin M. **W673**, P0919
 Doron-Faigenboim, Adi W507, P0904
 dos Santos, Tiago B. P0137
 Doskocil, Angela W104, P1177
 Dossett, Michael P0631
 Doty, Sharon L. **W874**
 Douches, David W844
 Dougherty, Laura E **P0612**
 Doyle, Catherine D. W114
 Drader, Thomas P0912
 Drake, Meghan P0310
 Dreger, Dayna L. **W122**
 Dreischer, Christian W138
 Droc, Gaëtan W098, W889
 Drouilhet, Laurence W132
 Drouzas, Andreas W753
 Du, Bogu W821
 Du, Dongliang W146, **P0605**, P0606
 Du, Wei P0281
 Duan, Xingliang **P0559**
 Dubcovsky, Jorge C29, W388, W703, W964, W972, P0403, P0515, P0827, P0828, P0862, P0890, P0891
 Dubery, Ian P0241
 Dubin, Manu W381, P0648
 Dubruille, Raphaelle W826
 Duchêne, Eric C12, P0604
 Duckett, Christopher P0468
 Ducos, Switzer Joy L. P0807
 Ducreux, Laurence P0414
 Dudemaine, Pier-Luc W018, P0186, P0193
 Duffy, Brion P0174
 Dugas, Diana V. W342
 Duguma, Getu W895
 Duitama, Jorge **C06**
 Dukowic-Schulze, Stefanie W801, P0722
 Dumas, Vincent P0604
 Duminil, Tristan P0471
 Dungey, Heidi P0601
 Dunham, Maitreya P0078
 Dunn, Nathan A **W629**, **P0444**
 Dunne, Jeffrey P0758
 Durai, Raja P0068
 Duran-Aguilar, Marina **P1048**
 Durand, Sophie C12
 Durant, Cherokee P0677
 Durant, Cheyenne P0677
 Durel, Charles-Eric P0009, P0613, P0614
 Duruz, Solange W021
 Durward-Akhurst, Sian Ann **P1089**
 Dusel, Georg P1061
 Dutt, Manjul **P0302**
 Dvorak, Jan P0096, P0298, P0833
 Dworkin, Mollee C **P0757**
 Dwyer, Ann P1099
 Dyer, Sarah W212
 Dzakovich, Michael P. **P0234**
 Dzierzon, Helge W353, P0089
 Dzievit, Matthew J. P0118
 Dzomba, Edgar F. W533, W911
 Dzyubenko, Elena P0315, P0316
 Dzyubenko, Nikolay P0315, P0316
 Eagle, John P0488, P0491
 Easterly, Amanda W223
 Ebana, Kaworu P0763
 Ebenstein, Yuval P0560
 Eberth, John W297, P1084
 Ebina, Masumi W185
 Ebrahimi, Leila P0119, P0125
 Eck, Yoko **W148**
 Ecker, Joseph W476, P0136, P0560
 Eckert, Andrew J. P0582
 Eckes, Annemarie **C11**, **P0361**
 Eckes, Annemarie H. **W245**
 Edae, Erena A. **P0888**
 Edelmann, Mariola J P1123
 Edema, Richard **P0385**, P0691
 Edge-Garza, Daniel W421
 Edger, Patrick W090, P0131, P0459
 Edme, Serge P0314
 Edvardsen, Rolf B P0997
 Edvardsen, Rolf B, P0983
 Edwards, Charles P0411
 Edwards, David W001, W009, **W090**, W279, **W569**, P0418, P0554, P0837, P0963
 Edwards, Jeremy D. **W573**, P0769
 Edwards, Jode **W503**
 Edwards, Joseph A. **W818**
 Egesi, Chiedozie W111, W113, **W509**, P0944
 Eguiarte, Luis P0927
 Egusa, Wataru **P0166**, P0261
 Ehlers, Jeffrey D. W152, **W170**
 Ehrenmann, François C02
 Eichhorn, Stephen W. W842
 Eizenga, Georgia C. **P0769**
 Ekesi, Nnamdi Simon P0426, **P1137**
 El Baidouri, Moaine P0656
 El Hassouni, Nordine C01, P0322
 El-Basyoni, Ibrahim S. W223
 Eldon, Desiree R. P0102
 Elena, Ciani **W104**, P1065, **P1106**, **P1177**
 Elgin, Sarah **W803**, **P0381**
 Elias, Ani A. **P0099**
 Eliseeva, Irina W199
 Elizabeth, Tseng W137, W399, P1162
 Elizur, Abigail W035, P1022
 Ellis, David **P0948**
 Ellis, Nathaniel W. **P0588**
 Ellison, Melinda J. P1154
 Ellison, Shelby **W815**
 Elser, Justin L. C22, W482, W490, P0323, P0364, P0602
 Elshire, Robert J **P0089**
 Elsik, Christine G. **W128**, W629, P0155, P0375, P0444, **P1034**
 Elswood, Jessica P1058
 Eltayeb, Amin Elsadig P0249
 Elzo, Mauricio P0428
 Emanuelli, Francesco W461, **W785**, P0716
 Emendack, Yves W852
 Emeran, Amero W653
 Emery, Marianne L. **P0155**
 Emrani, Nazgol W711, P0548
 Enciso, Juan W895
 Endo, Takashi R. W965
 Eng, Curtis P0288
 Eng, Kevin P0031
 Engelen, Kristof C03, P0365
 Engelen, Stefan P0786
 Engqvist, Leif P0427
 Enke, Ray A. W238, **W805**, **P0387**
 Eory, Lel **W057**, W633, P0065
 Erickson, Jessica P0487
 Eriksen, Birger P0643
 Ernst, Catherine W. **W921**, P0274
 Erskine, William W001, P0418
 Escobar, Sebastian P0987, P1021
 Eshed, Yuval W523, P0257
 Eskandari, Milad P0653
 Eslamloo, Khalil **P0291**
 Espinosa, Evelyn W365
 Esquerré, Diane P1120
 Esteva, Maria W203, W561
 Esuma, Williams W113, P0944
 Etuk, Anthony C23
 Eudes, François P0872
 Eufemi, Elisa P1157
 Eukaryotic Genome Annotation Team, The W611
 Eun, Chang-Ho P0262
 Eun, Suk Ho P0788
 Evans, Carrie R. **P1107**
 Evans, Joseph P0312, P0760
 Evans, Katherine M. C19, W359, W418, P0614
 Evans, Luke M. W350
 Evenhuis, Jason P. P1011
 Eversole, Kellye **W317**, W582, **P0006**
 Everts, Robin P1077
 Eyquard, Jean-Philippe W366
 Eyzaguirre, Raul W906
 Ezura, Hiroshi W235, P0328, P0800
 Fabre, Stéphane W132
 Fabri, Eliane Gomes P0121, P0126
 Fack, Veerle P0481
 Fadly, Aly W762
 Fahima, Tzion P0866, **P0891**

- Fahrenkrog, Annette M. P0588
 Fahrentrapp, Johannes **P0174**
 Fairley, Susan P0371
 Fakorede, Samson T P0122
 Falk, Kevin P0550
 Famula, Randi P0614
 Fan, Jim P0343
 Fang, David D. W525, P0577
 Fang, Hui W789
Fare, Emma P1138
 Faria, Josias C. P0415
 Faria, Luis C. P0415
Fariola, Fabiana H. G. W119
 Faris, Justin D. W972, P0899, P0900
 Farmer, Andrew **W048**, W585, W961,
 P0351, P0352, P0353, P0356,
 P0449, P0644, **P0645**, P0694
 Farmer, Andrew D. W626
 Farnham, Mark W. W234, P0546
 Farquhar, Iseabail L. W545, P1144
 Farrar, Kerrie P0317
 Fartmann, Dr Berthold P0050
 Fast, Mark P0273
 Fatiukha, Andrew P0866
 Fatokun, Christian P0122, P0689
Fauser, Friedrich W621
 Faustino, Gem P. P0731
 Faville, Marty W495, P0128
 Fay, Justin P0130
 Fay, Phillip W671
Fazio, Gennaro W477
 Fè, Dario W333
Fedak, George W404, P0893
 Fedorova, Elena S. P0115
 Feeley, Kevin H. P0645, P0646
 Fei, Shui-zhang W923, P0311
 Fei, Zhangjun W232, W905
 Feltus, Alex W956, W959, P0358,
 P0360, P0479
 Feng, Lu W641
Feng, Wei W430
 Feng, Zeny P0431
Fennell, Anne W691
 Ferguson, Morag E. **W112, P0946**
 Fernandez i Marti, A. P0251
 Fernandez, Edward Cedrick J. P0807
 Fernandez, Felicidad P0011
 Fernandez, Gina P0245, P0631
 Fernandez-Baca, David P0353, P0645
 Fernandez-Fuentes, Narcis P0920
 Fernandez-Medina, Rita Daniela W172
 Fernandez-Pozo, Noe P0061
 Fernando Samayoa, Luis W789
 Fernando, Rohan L. **W448**
 Fernie, Alisdair R. P0675
 Ferrante, Sergio Pietro **P0038**
Ferrão, Luis Felipe V. W174, P0942,
 P0943
 Ferrão, Maria A. G. W174, P0942, P0943
 Ferrão, Romario G. W174, P0942, P0943
 Ferrarini, Alberto P0676
 Ferraz, José B. S. P1068
 Ferreira de Carvalho, Julie **W738**
- Ferreira, Claudia Fortes P0015
 Ferreira, Savio S. W896
 Ferretti, Ryan P0091
 Fetch, Tom P0885
Feurtado, J. Allan W632
 Feyereisen, René P1111
 Feygenberg, Oleg W600
 Feyissa, Biruk P0695
 Fickett, Nathanael D P0119, **P0750**
 Ficklin, Stephen P. C26, W080, **W956**,
 W957, W959, W960, P0358, P0360,
 P0465, P0467, P0473, P0479
Fiedler, Elizabeth P0949
 Fiedler, Jason P0314
Figlan, Sandiswa P0407
 Figueiredo, Marcelo P0267
 Figueroa-Balderas, Rosa P0528
 Fikre, Asnake W206, P0685
 Fikrie, Asnake P0687
Filatov, Dmitry A. W828
 Filichkin, Sergei W932
 Filkov, Vladimir W343, W345
 Fininsa, Chemedha P0687
 Finn, Chad P0631
 Finno, Carrie J. W294, W303, W304,
 W373, P0081, P1087, P1097, P1100
 Fion, Hung P0288
 Firetti, Fabiana W954
 Firgens, Sam P0067
 Firman, David P0468
 Firmani, Carrie P0071
 Firrincieli, Andrea W874
Fisher, Isaac Steven P0678
 Fisher, Molly A. P1180
Fister, Andrew W102
 Fitz-Gibbon, Sorel W351, W749
 Flatman, Leah K. W632
Fleming, Damarius S. P0204, P0282
Fletcher, Kyle P0533
Fleury, Delphine W406
 Flicek, Paul P0371, P1117
 Flint-Garcia, Sherry P0708, P0715
 Flobakk, Morten P0432
 Floden, Evan W633, P0065
 Flores, Fernando W653
 Flores, Fernando Geu P0643
 Flores, Raphael C12, W582
 Flores-Gonzalez, Mirella C24, W150,
 W834, **W835**, W847, **P0368**, P0369,
 P0797, P0798
 Flórez, Claudia W171
 Fobert, Pierre P0822, P0835, P0884,
 P0895
Foerster, Hartmut W837
 Fofana, Bourlaye P0233
 Foley, Michael E. W690
 Foley, William J W348
 Folta, Kevin M. P0624
 Fomenky, Bridget P0186
 Fonseca, Aymbare W174, P0942, P0943
 Fonteyne, Simon W071
 Foote, Judy and Barry W531
 Forman, Stanislav P0512
 Fornasiero, Alice W489
- Forrest, Kerrie W557
 Forsberg, Simon **W131**
 Forsythe, Evan S **P0545**
 Fortunato, Stefania P0217
 Foschi, Stefano P0620
 Fosker, Christine C29
 Fossdal, Carl Gunnar P0581
 Fotouhifar, Khalil-Berdi P0125
 Fouché, Mathieu **P0011**
Fountain, Jake P0200
 Fourment, Joelle W897, P0752
 Fournier, Coralie P0106
 Fowler, D. Brian P0868
 Fox, Samuel W483
 Fox, Tim W183
 Fragomeni, Breno O. W135
Francia, Enrico W786
 Francis, David M. **W007**, P0234
 Franco Garcia, Antonio Augusto W174,
 W897, P0747, P0752, P0759, P0942,
 P0943
Franco, Flávia P. P0754
 Franco, Jessica W497
 Francois, Olivier W909, P0098, P0786
 Franje, Neil W154
 Frank, Adam P0389
Frank, Margaret W474, W789
 Frank, Morgan C19, W359, W418,
 P0354, P0357, P0369, P0647
 Frankish, Adam W409, W580, **W634**
 Franklin, Chris **W685**, W688, W798
Frantz, Laurent W275
 Frascaloli, Elisabetta W461, P0716
 Fraser, Lena W360
 Frazier, Taylor P0211
 Freeman, Alex J P0014, P0566
 Freeman, John L. W874
 Freeman, Jules S. W822, P0598
 Frels, Katherine P0855
 French, Elizabeth W498
 Frenkel, Zeev M. P0891
 Freude, Kristine P0187
 Frey, Sonia W906, P0947
 Fridman, Eyal **W507, P0904**
 Friebel, Bernd P0297, P0897
 Friedberg, Iddo W143, P0706
 Friedman, Sydney P1038
 Friedt, Wolfgang W704
 Friesen, Timothy L. P0899, P0900
 Frieten, Dörte P1061
 Frisch, Matthias W704
 Frishman, Dmitrij W760
 Frith, Martin C. P0495
 Fritschi, Felix B. W671, P0155
 Fritz, Allan K. P0001, P0873
 Fritz, Sébastien P1036
 Fritz-Waters, Elyn P0373, P1074, P1169
 Froman, David P. P1121
 Fu, Fengli W601, P0658, P0661
 Fu, Haihui P0595
 Fu, Junjie P0718
 Fu, Liangliang W780, P1166
 Fu, Qi W859
 Fu, Yiqian W664

- Fu, Yong-Bi **W325**
 Fuentealba, Claudia P0240
 Fuentes, Roven Rommel C25, P0346
 Fuerst, Greg W614
 Fujimoto, Masaru P0500, P0737, P0743
 Fujisawa, Hiroko P0844
 Fujisawa, Takatomo P0330
 Fujisawa, Yukiko P0649
 Fujita, Masahiro P0139
 Fujiwara, Toru P0500, P0737
 Fujiyama, Asao W147, P0139, P0330
 Fukatsu, Eitaro P0586, P0587
 Fukatsu-Tsubomura, Miyoko P0586, P0587
 Fukuda, Naoya P0800
 Fukumasu, Heidge P1066, **P1067**
 Fulton, Janet E. P1139
 Fulton, Robert W. W636
 Funk, Andy **W884**
 Funkhouser, Scott A. W921
 Funnell-Harris, Deanna P0224
 Funston, Rick P1042
 Furmanek, Tomasz P0983
 Furtado, Agnelo W158, W822, P0220, P0598
 Gabaldon, Toni P1111
 Gabler, Nicholas K. P1163
 Gabrieli, Tsil **P0560**
 Gabur, Iulian W704
 Gacek, Katarzyna **P0553**
 Gadeala, Agata P0217, P0889, **P0892**
 Gai, Junyi P0160
 Gaiarsa, Jonas W. W896, W954
 Gaikwad, Kishor W598, P0635
 Gaillard, Sylvain P0009
 Gaines, Todd W984, P0208, P0267, P0404
 Gaiotto, Fernanda Amato P0589
 Gaitán, Alvaro W171
 Galbraith, David W. **W394**
 Galeano, Narmer Fernando W171
 Galewski, Paul **P0952**
 Galla, Giulio W187
 Galla, Stephanie P0089
 Gallardo, Cristian P0075, P0994
 Gallardo, Rodrigo A. P0294, P1132, P1136
 Gallardo-Escárate, Cristian P0985, **P0993**, P1003
 Gallego, Maria E. W796
 Galliart, Matthew W748, P0931
 Galvez, Hayde F. P0039, **P0061**, P0731, **P0807**
 Gamba, Cristina P0461
 Gammerdinger, William J P1019
 Ganal, Martin W. P0849
 Ganapathysubramanian, Baskar **W143**
 Gandolfi, Barbara W119, W121, **P1033**
 Ganesh, Siva W495, W948
 Ganote, Carrie W171
 Gans, Kristina W498
 Gao, Guangtu P1005, **P1007**, P1011
 Gao, Lei W186
 Gao, Lexuan P0792
 Gao, Liang **P0774**
 Gao, Lifeng W558
 Gao, Peng P0835, P0868
 Gao, Qiang W180, P0007
 Gao, Ruimin P0695
 Gao, Yahui P0190
 Gao, Yanxin C09, P0441
 Gaouar, Souheil P1065
 Garavito, Andrea **P0105**
 García Girón, Carlos P1117
 García, Adriana P1048
 Garcia, Antonio Augusto Franco P0634, P0749
 Garcia, Carla C. W338
 Garcia, Sarah W011, P0074
 García, Sol Ortiz **W623**
 Garcia, Travis Michael **P0182**
 Gardiner, Jack P0347, P0348
 Gardner, Elliot W274
 Gardner, Keith A. P0847
 Gardoce, Roanne R. P0039, P0061, P0731
 Garner, Austin G. P0790
 Garner, John P0135
 Garrick, Dorian J. W448, P1068, P1125
 Garsmeur, Olivier **W889**
 Garst, Nicholas W223
 Garvin, David W380, P0229, P0922
 Garvin, Michael P0293
 Garza, Lisa W709, P0882
 Gas-Pascual, Elisabet P0234
 Gasic, Ksenija C19, W359, W418, **W422**, P0011
 Gaspa, Giustino P0503
 Gasselin, Maxime P1059
 Gauffreteau, Arnaud C12
 Gaut, Brandon S. **W213**, W488
 Gautier, Nadine W897, P0752
 Gavery, Mackenzie **W744**
 Gazon, Mona P0604
 Ge, Weina **P0170**
 Gea, Luis W360
 Gedil, Melaku P0093
 Gedil, Melaku A. W111
 Geha, Mak P0709
 Gehan, Malia **W794**
 Geib, Scott **W052**, P1112
 Geiger, A. J. P1062
 Geiger, Joseph P0288
 Geigl, Eva-maria **W116**
 Geldner, Niko P0209
 Gellynck, Xavier W734
 Gemenet, Dorcus C. W903, W905, **W906**, **P0947**
 Gemmell, Neil W028, P1023
 Gendron, Jake P0140, P0141
 Gendron, Jake Michael **P0780**
 Genenbacher, Katelyn P0389
 Geng, Xin P1014, P1015
 Geniza, Matthew **W483**, P0215
 Gent, Jonathan I W820, P0005
 Geor, Ray P0285, P1089
 George, Galen W766
 Georgi, Laura W340
 Gepts, Paul **W163**, **W214**, P0675, P0680
 Gerard, Pierre R. W826
 Gerber, Vincent W298
 Gerbert, Caroline P1061
 Gering, Eben **W752**, **P1116**
 Gerjets, Tanja **P0925**
 Gerken, Alison R **P0433**
 Gerttula, Suzanne W343
 Gessler, Damian W959, P0358, P0360
 Getty, Thomas P1116
 Ghani, Saima S. **P0726**
 Gharbi, Karim P1020
 Ghavami, Farhad W801, P0722
 Ghesquière, Alain W953
 Ghislain, Marc W903, W906, P0947
 Ghose, Kaushik P0233
 Ghosh, Dilip P0060
 Ghosh, Sharmila P1085
 Ghurye, Jay W075
 Giacomello, Stefania **W376**, **P0053**
 Gialletti, Rodolfo P1086
 Giancaspro, Angelica P0892
 Gianino, Francesca W304, P1087
 Gianino, Giuliana W304, P1087
 Giband, Marc P0573
 Gibb, Ewan A. P1182
 Gibbs, Moreland P0461
 Gibbs, Richard A. W123, W544, P1142, P1146
 Gibon, Yves P0619
 Gibson, Paul P0385, **P0691**
 Gil, Rosa Juliana P0533
 Gilbert, M Thomas P **W428**
 Gilbert, Matthew E. W163
 Gill, Bikram S. W397, P0297, P0870, P0897
 Gill, Clare A. P0563
 Gill, Kulvinder **W683**
 Gill, Upinder S. W329
 Gillham, Matthew W486
 Gines, Michael Christopher **P0917**
 Gingeras, Thomas W246
 Gioia, Tania P0676
 Giove, Stefania P0892
 Giove, Stefania Lucia P0217
 Girma, Gezahegn P0093
 Giroux, Mike P0147, P0290, P0852, P0853
 Giuliani, Silvia W461, W785, P0716
 Giuliano, Giovanni **W824**
 Giulotto, Elena W304, P1087
 Gizaw, Shiferaw P0862
 Gladman, Nicholas P. **P0742**
 Glaser, Philip C09, P0441
 Glawe, Dean P0411
 Glynn, Neil W892
 Gmitter, Fred G. W146, P0302, P0369, P0605, P0606
 Gnimpieba, Etienne **W870**, **W943**, P0337, P0386
 Go, Ho-Cheol P0817
 Gobena, Mesfin **P0044**
 Goddard, Mike W130, W369
 Gòdia, Marta W912

- Godoy, Thaís Fernanda P1118, P1125
 Godwin, Ian **W856**
 Godwin, Ian D W858, P0738
 Goecks, Jeremy **W417**
 Goering, Rae P0730
 Goetz, Giles W744
 Gohlke, Jochen W839
 Goicoechea, Jose Luis W821
 Gokhale, Suresh B W094, P1070
 Golan, Guy W215
 Goldammer, Tom **W027, P1016**
 Goldman, Maria Helena de Souza P0225, P0226, P0228
 Golicz, Agnieszka W009, W090, P0554, P0963
 Golino, Deborah P0958
 Gomes Viana, João Paulo P0654, **P0973**
 Gonçalves, Ana T. P0075, P0993, P1003
 Gonéhal, Venugopala Reddy **W467**
 Gong, Guoyi W232, W233
 Góngora, Carmenza E. W171
 Gonzales, Jose M. W633, P0065
 Gonzales, Michael P0337
 Gonzales, Michael D. **P0386**
 González Padilla, Everardo P1046, P1048
 Gonzalez, Evelin W542
 González, Mauricio P0181
 Gonzalez, Rayner W912
 Gonzalez-Beltran, Alejandra C23
 Gonzalez-Ibeas, Daniel W352
 Good, Benjamin M C13, P0324
 Goodstein, David M. W723, P0334, P0342, P0455, P0457
 Goodwin, Sara **P0072**
 Goodwin, Scott P0049
 Gordon, Anna P0898
 Gordon, Sean W741, P0922, **P0980**
 Gordon, Thomas R P0936
 Gordon, Tyler P0887
 Gordon-Kamm, Bill **W593**
 Gorla, Erica **P1128**
 Gorodkin, Jan W633, P0065, P0184
 Gossen, Bruce P0550
 Goto, Shingo W147
 Götz, Stefan P0163
 Gou, Jin-Ying **W705**
 Gouache, David W596
 Gouker, Fred E. W337, P0957
 Gould, Sven B. W637
 Gouzy, Jérôme P0009, P0041
 Govers, Francine W846, P0813
 Gowda, Siddarame T. P0060
 Gozel, Hatice P0622
 Grabowski, Paul **P0760**
 Graceson, Abi W192
 Graf, Robert P0872
 Graham, Carly F **P0090**
 Graham, Michelle A. **W862**
 Graham, Natalie **P0601**
 Grahn, Robert A. W295
 Grainger, Chris P0653
 Grando, Carolina P0973
 Grando, M. Stella C03, P0365
 Grandont, Laurie **W846, P0813**
 Granell, Antonio **W845**, P0628
 Graner, Andreas **W438**, W967, P0675, P0902
 Grant, David P0645, **P0646**
 Grassa, Christopher J. **P0977**
 Grattapaglia, Dario W173, W338, **W339, W354**, W822, P0598
 Grau, Emily W959, **P0358, P0360**, P0479
 Grau, Jan P0487
 Gray, Kristian P0372
 Gray, Laura W742
 Grbic, Miodrag P1111
 Gredler, Birgit P0496, P1057
 Green, Corey P0401
 Green, Ed W137
 Green, Phon W081
 Green, Richard E. **W093**, W458
 Greenberg, Anthony **P0456**
 Greenland, Andy P0847
 Greenlee, Kendra P0196
 Greenspan, Alex P0416
 Gregorio, Glenn B. P0140, P0141
 Gregory, Brian D. C16, P0443
 Gresham, Cathy R. W772, P0378
 Greve, Macarena W365
 Greve-Pedersen, Morten W333
 Grewe, Felix **P0536**
 Grierson, Ella W353
 Griffin, Denis P0810, P0812
 Griffiths, Andrew **W495**, P0128
 Griffiths, Simon **W973**
 Grigoriev, Igor V. W391, W392, P0535
 Grimwood, Jane W073, W673, W723, W889, P0733, P0734, P0980
 Grisham, Michael P. P0134
 Groenen, Martien A.M. **W276, W370**, W633, **W775**, P0065
 Grogan, Sarah M. P0855
 Groh, Amy **W599**
 Grooms, Emma M. P1107
 Groover, Andrew T. W343, W345
 Gross, Briana L. **W272**
 Gross, Christian W775
 Grosser, Jude W. P0302
 Grossi de Sa, Maria Fatima **P0271**
 Grossi, Daniela A. P0431
 Grossniklaus, Ueli P0022, P0945
 Grover, Jeffrey **C16, P0443**
 Grover, Jeffrey W. W839
 Grozdanov, Petar P0076
 Gruden, Kristina P0175
 Gruissem, Wilhelm P0945
 Grumet, Rebecca **P0641**
 Gruneberg, Wolfgang W906, P0947
 Grynberg, Priscila P0015, P0271
 Grzeskowiak, Lukasz C03, P0365
 Gu, Cuihua P0670
 Gu, Yong Q. C17, P0217, **P0340**, P0349
 Guan, Leluo P0276
 Guan, Xueying **W739, P0567, P0574, P0580**
 Gubala, Tomasz C11, P0361
 Guerche, Claire W582
 Guerrero, Rafael W502
 Gugger, Paul F. W351, **W749**
 Guiguen, Yann P0025
 Guill, Katherine W820, P0005
 Guimaraes, Larissa A. P0236
 Guimarães, Marta F. M. P1054
 Guimarães, Patricia Messenberg **P0236**, P0674
 Guisnel, Remi P0613
 Gunawan, Asep **P0066**
 Gunda, Shivan P0353
 Gundlach, Heidrun P0326, P0350, P0906
 Guo, Baolin P0109
 Guo, Baozhu P0077, P0200, P0673
 Guo, Hui P0578
 Guo, Peiguo **P0127**
 Guo, Shaogui **W232**, W233
 Guo, Shisong W739, P0567
 Guo, Tingting W454, **P0708**
 Guo, Wei W885, P0417
 Guo, Xiangyu **W333**
 Guo, Yi-Ning P0689, P0690
 Guo, Zifeng P0849
 Gupta, Chirag **P0142**
 Gupta, Parul W482, W490, P0364, P0602
 Gupta, Prateek P0353
 Guralnick, Robert P. W716
 Guseman, Jessica W228, **W362**
 Gustafson, Haley P0032
 Gustafson, Nicholas A. W121, **P0434**
 Gustafson, Perry **P0383**
 Gutierrez, Alejandro P. **P1020**
 Gutierrez, Andres W675
 Gutierrez, Lucia **P0916**
 Gutiérrez, Rodrigo A. **W286**
 Gutierrez-Gonzalez, Juan J **P0830**
 Guttieri, Mary J. W223, **P0855**
 Guyot, Romain P0105
 Guzmán, Carlos P0350
 Gyawali, Yadav P0825
 Ha, Bo-Keun W868
 Ha, Jungmin P0020, P0182
 Haaning, Allison M. **P0907**
 Haasl, Ryan W127
 Haberer, Georg W966, P0248, P0906
 Habora, Mohamed P0249
 Habunal, Rosteo R. P0807
 Hackett, Christine A. P0812
 Hackett, Peter P0111
 Hadelich, Frieder W027, P1016
 Hadlich, Frieder P1061
 Hadres, Maria W961, P0351, P0353, P0356, P0645
 Haegeman, Annelies W661
 Haerty, Wilfried W473, P0482, P0951
 Haesaert, Geert W493
 Hagen, Darren E. W128, **P0375**, P1034
 Hagevoort, Robert W134, P1073
 Hahn, Jang-ho W907
 Haigler, Candace H W789
 Haile, James **W255**

- Haile, Teketel A. **P0840**
 Hakoyama, Tsuneo P0500
 Hale, Anna P0119, P0134, P0750
 Hale, Benjamin **W023**
 Hale, Iago P0032
 Haley, Scott P0861
 Hall, Anthony W212
 Hall, Jennifer R. P0291, P1000
 Hall, Neil W212
 Hall, Richard W137, W138, P0513, P1113, P1161
 Halstead, Michelle M. **P1053**
 Halterman, Dennis P0816
 Hamada, Yuji P0911
 Hamann, Andreas W742
 Hamernik, Andy P0815
 Hamilton, Alastair P0996
 Hamilton, John Paul W844
 Hamilton, N. Ruaraidh Sackville C25, P0346
 Hammel, Alexander J. P0539
 Hammon, Harald M. P1061
 Hammond, S. Austin **P1182**
 Hammond-Kosack, Kim P0524, P0525
 Hamwieh, Aladdin W161, P0687
 Han, Bin **W505**
 Han, Bo P0295
 Han, Fangpu W397
 Han, Hyeondae P0010, P0609, **P0616, P0617**
 Han, Koeun P0817
 Han, Kyudong P0027
 Han, Sang-Won W789
 Han, Yi W123, W544, P1142, P1146
 Han, Zongfu P0568
 Hanaoka, So P0586, P0587
 Hancock, Abigail P0917
 Hancock, Robert P0414
 Hand, Paul W192
 Handa, Hirokazu P0844, P0878
 Handayani, Tri P0818
 Hane, David C14, C17, P0349
 Hane, James W001, P0418
 Hanigan, Mark D. P1060
 Hanley-Bowdoin, Linda W114
 Hanlon, Matt W203, W561
 Hanna, Rachid W111
 Hannah, Matthew A. P0847
 Hannestad, Lance C13, P0324
 Hannoufa, Abdelali **P0695**
 Hansen, Benni Winding P0028
 Hansen, Lars Hestbjerg P0028
 Hanslin, Hans Martin P0918
 Hanson, Christopher J. P0014, P0566
 Hanson, Maureen **W655, W730**
 Hanson, Maureen R. W266
 Hao, Yue **P0131**, P1154
 Hardcastle, Thomas J. W476, P0136
 Hardigan, Michael W844
 Harding, John W915, P1170
 Haridas, Sajeet W392, P0535
 Harikrishna, Jennifer A. W066
 Harishchandra Hikkaduwa Withanage, Miyuraj P0520
 Harkess, Alex **W718**
 Harland, Richard M. W922
 Harloff, Hans J. W711, P0548
 Harmer, Stacey L. **W193**
 Harper, Lisa P0348
 Harper, Lisa C P0331, P0347
 Harris, Nomi P0310, P0448
 Harris, R. Alan W123, W544, P1142, P1146
 Harrison, Peter W **P0371**
 Harrison, Richard J. **W419**
 Harrow, Jennifer W633, P0065
 Harting, John P0513
 Hartung, Frank **W619, P0487**
 Hasbún, Rodrigo Jorge W365
 Hasegawa, Toshihiro P0763
 Hasing, Tomas W008
 Hassani-Pak, Keywan **W200**
 Hassell, Richard P0642
 Hasterok, Robert W741, P0980
 Hastie, Alex R. W820, P0005, P0837, P0969, **P0972**
 Hastings, Craig E. W593
 Hasto, Cecile P0959
 Hatakeyama, Masaomi P0168
 Hatas, Emily P0031
 Hathorn, Adrian M W858, P0738
 Hauser, Heiko P0052, P0055, P0432
 Havey, Michael J. **P0252**
 Havgaard, Jakob H. W633, P0065
 Hawkins, Charles W357
 Hawkins, Sarah P0317
 Hayashi, Atsushi P0626
 Hayashi, Takeshi W147, P0763
 Hayden, Matthew W557
 Hayes, Ben J W130, W369
 Hayes, Chad W852
 Hayes, Richard D **P0334**
 Hayford, Rita P0679
 Hays, Shan M. W803, P0381, **P0384**
 Hazekamp, Nicholas W627
 He, Cheng P0718
 He, Chunlin P0355
 He, Fei W388, P0001, P0036, **P0517, P0873**
 He, Hongju W233
 He, Jun P1164
 He, Qiang **P0785**
 He, Xi P1164
 He, Yan W801, P0722
 He, Yanghua W015
 Healey, Adam **W822, P0598**
 Heaton, Haynes P0074
 Heaton, Michael P. W123, W138, W544, W547, P0111, P0504, P1142, P1146, **P1147**
 Hebard, Frederick W340
 Heckerman, David W896
 Hedrich, Rainer P0248
 Heerema, Richard P0247
 Heffelfinger, Christopher W185
 Hefferon, Tim P0135
 Hegarty, Joshua **P0828, P0862, P0890**
 Hegarty, Matthew W494, P0701
- Hehir, Gerard P0229
 Hehli, Bradley **P0071**
 Heidmann, Iris P0393
 Heiner, Cheryl **P0513**
 Helbing, Caren C. P1182
 Helgeland, Hanna W041
 Helguera, Marcelo P0828
 Helleu, Quentin W826
 Helou, Laura C27, P0469
 Hendrickson, Christopher P0163
 Hendrix, David **W932**
 Hendy, Jessica **W256**
 Heng-Moss, Tiffany P0227
 Henrique-Silva, Flávio P0754
 Henriquez, María Antonia P0895
 Henry, Christopher P0310, P0448
 Henry, Denise P0288
 Henry, Isabelle M. W343, W364
 Henry, Lucas P. P0790
 Henry, Nate C26, P0473
 Henry, Robert J. **W158, W822, W889, W894**, P0220, P0598
 Heo, Jae Bok **P0216**, P0264
 Herbig, Alexander P0532
 Herman, Adam P0795
 Hermjakob, Henning W415
 Hernandez, Alvaro G. **P0069**, P0070
 Hernandez, Erick W172
 Hernandez, Jennifer P0288
 Hernandez, Tania P0927
 Hernández-Pinzón, Inmaculada W081, W974
 Herndon, Nic **W959**, P0358, P0360, **P0445**, P0479
 Herniter, Ira A. P0689, **P0690**
 Herr, Joshua **W322**
 Herrera, Jesus Rommel V. **W095**
 Herrmann, Melissa S. **P0294**, P1136
 Herschleb, Jill **W011**, W076, **P0080**
 Hertig, Christian P0871
 Hervouet, Catherine W064
 Heslop-Harrison, Pat W066, **W218**
 Hess, Andrew P1169
 Hetherington, Kirstie **W212, P0684**
 Hewitt, S. **P0251**
 Hewitt, Seanna **P0163**
 Heyden, Jill P1100
 Heyduk, Karolina **W387**
 Hickey, John P0996
 Hickey, Lee **W816**
 Hickey, Sharon M. W948
 Hidalgo, Jose M P0107
 Hidalgo, Oriane W641
 Hiebert, Colin P0872, P0883, **P0885, P0898**
 Hiemesch, Theresa W296
 Higgins, James David W685
 Highland, Margaret A. P1152
 Hijiya, Rie P0741
 Hilario, Elena W353
 Hilburger, Katherine W304, P1087
 Hildebrandt, Curtis M **P0404**
 Hill, Theresa W012, **P0819**
 Hill-Skinner, Sarah Ellen **P0727**

- Hiller, Sarah P0917
 Hillhouse, Andrew P0076, P0104
 Himmelbach, Axel W501, W967, P0902
 Hinchee, Maud W349
 Hinchliffe, Doug J W525, P0577
 Hindle, Matthew M. **W549**, **P1141**
 Hindson, Ben W396
 Hinze, Lori L. P0571
 Hipp, Andrew P0591
 Hirafuji, Masayuki W885
 Hirai, Masami Yokota P0161
 Hirakawa, Hideki W907, P0018, P0243, P0327, P0801, **P0930**
 Hirano, Ko W810
 Hirao, Tomonori **P0585**, P0586, P0587
 Hiraoka, Yuichiro P0586, **P0587**
 Hirsch, Candice N. P0717
 Hirsch, Cory W844
 Hirsch, Cory D. W845
 Hisano, Hiroshi **W465**, **W927**, **P0309**
 Hittinger, Chris Todd W392, P0535
 Ho, Yung Shwen P0939
 Hoang, Nam W894
 Hobbs, Houston P0672
 Hochholdinger, Frank P0143
 Hocking, Paul M. P1139
 Hodgins, Kathryn A. W742, **W981**
 Hodkinson, Trevor W491
 Hodson, Simon **W248**
 Hoeata, Kirsten W360
 Hoefs-Martin, Katie P1077
 Hoerster, George J. W593
 Hoff, Jesse L. **W134**, P1037, **P1073**
 Hoffman, Neil E. **W624**
 Hoffman, Steven P0076
 Hoffstetter, Amber Lynn **P0826**, P0829
 Hofland, Megan L. P0875
 Hofmeister, Brigitte T. **W469**
 Hofstad, Anna N. W601, **P0658**
 Hogg, Andrew C. **P0853**
 Hokin, Sam W961, P0351, **P0352**, P0353, P0356, P0645
 Holalu, Srinidhi V. **P0790**
 Holbrook, Corley P0077
 Holden, Lindsay A. **P0986**, **P1030**
 Holl, Heather M. **W103**, **P1077**, P1090
 Holland, James B. W789, P0058, P0708, P0863
 Hollender, Courtney W228
 Holliday, Jason W742
 Hollingsworth, Joy P0319
 Holm, Aaron P0405
 Holmes, Ian **W468**, **W567**, W629, P0444
 Holt, Carson W352, W470, W630
 Holt, Sarah Hudson W844
 Hon, Ting W399, P0082
 Honaas, Loren A **P0459**
 Honap, Tanvi P **P0532**
 Hong, Min-Wook P0114
 Hong, Yeong Ho P0114
 Hong, Yue W800
 Honig, Joshua P0120
 Hood, Elizabeth E. **P0401**
 Hood, Kendall P0401
 Hori, Tiago **P0273**
 Hori, Tomoaki **P0500**, P0737
 Horin, Petr **W109**
 Hormaza, J. Inaki P0632
 Horn, Renate **W657**
 Horton, Paul P0495
 Horvath, David P. W690
 Hoshi, Hiroshi P0586, P0587
 Hoshikawa, Ken **P0800**
 Hosmani, Prashant S **C24**, **W834**, W835, **W847**, P0368, **P0797**, P0798
 Hospital, Frédéric P1120
 Hossain, Khwaja G **P0677**
 Hotta, Carlos Takeshi W896
 Hou, Xilin P0549
 Hou, Yali **P1140**
 Hou, Ye W780, P1166
 Hou, Yingnan W841
 Hou, Zhuocheng P0190
 Hough, Heidi W080, P0354, P0357, P0467, P0647
 Hourlier, Thibaut **W535**, **W771**, **P1117**
 House, Megan **W327**
 Houston, Ross D. **W039**, **P0996**, P1020
 Howarth, Catherine W653
 Howe, Glenn T. W350
 Howe, Kirstin W137, P1161
 Howell, Tyson R. C29
 Hoy, Jeff W675
 Hřibová, Eva P0297
 Hsing, Yue-ie C. P0784
 Hsu, Sheng-Kai **P0345**, P0765
 Hsueh, Emma P0822
 Hu, Li W810
 Hu, Rongbin P0320
 Hu, Xiaoxiang P0498
 Hu, Ying P0718
 Hua, Xiaomei P0519
 Huala, Eva **W250**
 Huang, Daiqing W632
 Huang, Hsien-Da W735
 Huang, Jianzhen **P1163**
 Huang, Jin quan **P0255**
 Huang, Jiyue **W800**
 Huang, Lin P0891
 Huang, Meng P0492
 Huang, Ming P0605, **P0606**
 Huang, Pu P0728
 Huang, Ruihuo W561
 Huang, Wei W961, P0351, P0353, **P0356**, P0645, P0646
 Huang, Xianzhong P0576
 Huang, Yanyun W915, P1170
 Huang, Yinghua **W855**, **P0744**
 Hubbard, Allen W025, **P0201**
 Hubbell, III, Donald S W022, P1044
 Hubner, Sariel P0793
 Hucl, Pierre J. P0840
 Hudson, Nicholas James P0192
 Hudzieczek, Vojtěch P0306
 Huellas-Bruskiewicz, Kenneth Casimir C13, P0324
 Hufford, Matthew B. **W182**
 Hughes, Colin E. W342
- Hulse-Kemp, Amanda M. **W012**, W176, W829, P0563
 Humann, Jodi L. C19, **W080**, W359, W418, W957, W960, **P0354**, P0357, P0369, P0465, **P0467**, **P0647**
 Hume, David A. W094, W137, W545, P1070, P1102, P1144, P1155, P1161
 Hunt, Colleen H W858, P0738
 Hunt, Henry W762
 Hunt, Spencer Philip P0014, P0566
 Hunter, Wayne **W056**, P0435
 Huo, Heqiang **W689**, P0933
 Hur, On-Sook P0817
 Hur, Youn Young P0603
 Hurgobin, Bhavna **W009**, **P0554**
 Hurwitz, Bonnie **W564**
 Hurwitz, Bonnie L. P0769
 Hussain, Waseem W223, P0865
 Huttmacher, Robert P0319
 Huu, Cuong N. W501
 Huynh, Bao-Lam W162
 Hwang, Kidong P0010, P0609, P0616, P0617
 Hwang, Sun-Goo P0221
 Hwang, Supyong P0185
 Hyatt, Doug W725
 Hyde, John P0984, P1025
 Hyman, Oliver **W238**
 Hytönen, Marjo K. P1030
 Hyttel, Poul P0187
 Høglind, Mats P0918
 Høyheim, Bjørn P0988, P0999
 Ibañez, Victoria W146
 Ibarra, Alissa Carol M. P0039, P0807
 Ibba, Maria Itria **P0133**
 Ibeagha-Awemu, Eveline M. **W018**, **P0186**, **P0193**, P1041, P1056
 Ibrahim, Amir W709, P0882
 Ibrahim, Iman W034, P1013
 Ichihara, Hisako P0327
 Ideker, Trey **W648**
 Ierullo, Matthew P0343
 Iezzoni, Amy P0011
 Iimura, Kazunari P0243
 Ikawa, Hiroshi P0844
 Ikeda, Tatsuya M. P0350
 Iki, Taiichi P0586, P0587
 Ilbi, Hulya P0874
 Im, Da-Eun P0770
 Imai, Atsushi W147
 Indahl, Ulf G. P0394
 Inge Våge, Dag W041
 Ingelbrecht, Ivan **W221**
 Inglis, Peter W. W339
 International Camel Consortium for Genetic Improvement and Conservation, The W104, P1177
 International Durum Wheat Genome Sequencing Consortium, The W556, P0845
 International Wheat Genome Sequencing Consortium, The W554, P0006, P0837
 Ioannidis, Panagiotis C20, P0452

- Iorizzo, Massimo **W539**
 Ipek, Ahmet P0124
 Ipek, Meryem **P0124**
 Iquebal, Mir A. W598, P0635
 Irey, Michael P0060, P0606
 Irizarry, Kristopher **P0288**
 Irwin, Judith P0361
 Isebrands, Jud W874
 Isgren, C.M. W293, P1095
 Ishihara, Shinya P1171, P1172
 Ishimori, Motoyuki **P0737**, P0741
 Ishimoto, Masao P0649, P0652
 Ishwarappa, Katageri P0572
 Isidro, Julio P0850
 Isik, Fikret P0582
 Islam, Md Sariful **P0577**
 Islam-Faridi, Nurul **P0584**
 Isobe, Sachiko **W907**, **P0013**, **P0018**,
 P0243, P0626, P0801
 Istipliler, Deniz P0721, **P0861**, P0874
 Italian Goat Consortium, The P1106
 Ito, Fumika **P0042**
 Itoh, Atsushi W885
 Iuchi, Satoshi **P0362**
 Iwata, Hiroyoshi W147, P0330, P0388,
 P0417, P0463, P0499, P0500,
 P0651, P0652, P0737, P0741,
 P0743, P0763
 Iyer-Pascuzzi, Anjali **W498**
 Jackman, Shaun D **W658**, **P0472**
 Jackson, Aaron K. P0769
 Jackson, Scott A. W586, P0305, P0656,
 P0673, P0675
 Jackson, William W974
 Jacobi, Andreas P0871
 Jacobs, Jeanne W353, **P0128**
 Jacobs, Thomas **W602**
 Jacobsen, Steve **W696**
 Jacobson, Daniel W725, W729, P0321
 Jacygrad, Ewelina P0958
 Jafarikia, Mohsen **P0431**
 Jaffe, David W012, W076, P0074
 Jagannathan, Vidhya **W296**, W298
 Jahoor, Ahmed W707, P0643, P0858
 Jahrmann, Torben W785
 Jahufer, M. Zulfi Z. W495
 Jain, Rashmi W728, P0761
 Jaiswal, Pankaj C22, **W482**, W483,
 W490, **W579**, W932, P0215, P0323,
 P0364, P0602
 Jaiswal, Sarika W598, P0635
 Jakhesara, Subhash **P1072**
 Jakobson, Irena P0843, P0896
 James, Joe W340
 Jamilloux, Véronique W951
 Jammes, Helene W016, **W019**, P0279,
 P1050, **P1059**
 Jander, Georg P0203
 Janečka, Jan E P1085
 Jang, Seong-Gyu P0770
 Jang, Woojong P0370, P0954, **P0955**
 Janisiw, Michael W797
 Jank, Liana P0759
 Jannink, Jean-Luc C09, C14, W111,
 W443, W509, P0099, P0388, P0441,
 P0456
 Jannot, Pierre P0959
 Jansen, Heiko T. P0504
 Jansky, Shelley P0815, P0816
 Janss, Luc L. W333, W707, P0643
 Janssen, Peter W948
 Jansson, Christer P0319
 Jaramillo, P. Viviana P0940
 Jarquin, Diego W223
 Järve, Kadri P0843, P0896
 Jarvis, Brice P0389
 Jarvis, David E W790, P0939
 Jasson, Sylvain C05, P0484
 Jastrebski, Sara F. W025, P0201, **P1133**
 Jaudeau, Bénédicte P0613
 Javed, Maryam **P0110**
 Jawdy, Sara P0321
 Jawdy, Sara S. W726, W733
 Jax, Elinor **W062**
 Jayakodi, Murukarthick P0370, **P0953**,
 P0954, P0955
 Jayale, Ashwin S. P0200
 Jayaswal, Pawan K. W598, P0635
 Je, Yuxin W739, P0567, P0574
 Jebbett, Nathan P1042
 Jeffers, Steven N. W340
 Jeffrey, Stuart W172
 Jeffries, Thomas W. W392, P0535
 Jellen, Eric N. W790, P0939, P0941
 Jellen, Rick **W795**
 Jenkins, Jerry W073, W673, W723,
 W725, W728, W741, P0313, P0457,
 P0728, P0733, P0734, P0980
 Jenkins, Johnie N P0577
 Jensen, Christian Sig W333
 Jensen, Just W333, W707, P0392,
 P0409, P0858
 Jensen, Lars J. P0184
 Jeon, Yongsam P0265
 Jeon, Yun-A P0767
 Jeong, Hyeonsoo P0286
 Jeong, Jae Cheol W907
 Jeong, Kwang-Ju P0544
 Jeong, Soon-Chun W868
 Jeong, Sun Woong P0522
 Jeung, Ji-Ung P0770
 Jeziorski, Celine P0041
 Ji, Wanquan P0298
 Jia, Gaofeng W327
 Jia, Jizeng W558
 Jia, Xi Yu P0512
 Jiang, Chen P1015
 Jiang, Honglin W631
 Jiang, Hui **P0728**
 Jiang, Jicai **P0493**, P1049
 Jiang, Jiming W397, W844, P0815
 Jiang, Juan **P1164**
 Jiang, Ke P0176
 Jiang, Peng **P0961**
 Jiang, Wei P0160
 Jiang, Yiwei P0760
 Jiang, Zhihua W373, **W631**, **W922**
 Jiao, Wen-Biao W821
 Jiao, Yinping W399, **W820**, **W852**,
 P0005, P0742
 Jiao, Yuannian P0963
 Jiao, Yuling **W940**
 Jifon, John L. W895
 Jilberto, Felipe W030, P1024
 Jim, Burnette **W807**
 Jin, Hailing **W735**
 Jin, Shuangxia **W526**, P0178, P0179,
 P0254, **P0562**, P0569
 Jin, Sihua P1132
 Jin, Xiaoli P0315, P0316
 Jin, Yue P0888
 Jin, Yulin P1014, **P1015**
 Jing, Lu W780, P1166
 Jo, Sung-Hwan **P0366**, **P0510**
 Jobson, Emma **P0147**
 Jogdeo, Sanjuro W694, P0398
 Johnson, Charles D. W709, P0667
 Johnson, David C23
 Johnson, Douglas P0315, P0316
 Johnson, Dwain P0428
 Johnson, Loretta C **W748**, **P0931**
 Johnson, Maren A P0677
 Johnsson, Martin P1116
 Johnston, Rachel E. P0147
 Johnston, Robyn P0089
 Johnston, Sarah Ellen W349
 Joly, David L. W393, P0879, P0881
 Jomchai, Nukoon W898
 Jones, Charlotte M **W494**, **P0701**
 Jones, Dan W353
 Jones, David M **W089**, **P0164**
 Jones, Don C. **W521**, P0357
 Jones, Elizabeth C09, P0441
 Jones, Peter P0812
 Jones, Piet W725
 Jones, Steven JM W658, P0472
 Jones, Todd J. W593
 Jones, Tyler W893, W900, P0751,
 P0753
 Jonker, Arjan W948
 Joost, Stéphane W021
 Jordan, David R W858, P0738
 Jordan, Katherine W388, W964, P0001,
 P0827, P0873, P0875
 Jordan, Mark **P0854**
 Jorge, Véronique C02
 Joshi, Anupama P0870
 Joshi, Chaitanya P1072
 Joshi, Vineet P0834, P1043, P1149
 Jost, Matthias W967, P0902
 Jouneau, Luc W016, P0279, P1050,
 P1059
 Journot, Laurent P0025
 Joy, Tintu P0068
 Juayong, Richelle Ann P0017
 Judelson, Howard S P0521
 Juenger, Thomas W073, **W671**
 Jugulam, Mithila **W983**
 Juhasz, Matyas P0560
 Jumah, Salah P0929
 Jung, Christian W711, P0548

- Jung, Je Hyeong W699
 Jung, Sook **C19**, W080, W359, **W418**,
 W956, W957, W959, **W960**, P0331,
 P0354, P0357, P0369, P0465,
 P0467, P0479, P0647
 Jung, Woo Joo P0867
 Jung, Yideun P0185
 Jung, Yu Jin P0213, P0303
 Jung, Yunsup P0489
 Junge, Alexander W633, P0065
 Junior, Gerson, A. O. P1054
 Jupe, Florian P0560
 Jurisica, Igor P0275
 Jurkevich, Alexander W759
 Jurkowski, Wiktor C11, P0361
 Just, Jeremy **W660**
 Juvalte, Parijat S. P0665
 Jzawadzki, Jackie P1059
 Jørgensen, Tue Sparholt **P0028**
 Jørgensen, Uffe P0315, P0316
 K V, Vineeth P0791
 Kacar, Yildiz P0239, **P0289**
 Kachman, Stephen D. W919, P0091,
 P1168
 Kaeppler, Shawn **W439**, W785, P0312,
 P0760
 Kaese, Heather P1099
 Kafkas, N. Ebru **P0412**
 Kafkas, Salih P0412, **P0622**
 Kaga, Akito P0417, P0649, P0652
 Kagale, Sateesh **W924**, **P0821**
 Kagaya, Yasuaki P0166
 Kahn, Michael W359
 Kainer, David **W348**, **P0599**
 Kaiser, John P0917
 Kaiser, Michael G. P1136
 Kajal, Monika **P0197**
 Kajiyama-Kanegae, Hiromi W147, P0330,
 P0463, P0500, P0737, P0741, P0743
 Kakei, Yusuke P0139
 Kalavacharla, Venu (Kal) P0087, P0677,
 P0679, P0757, P0846, P0949
 Kalbfleisch, Ted P1084
 Kalbfleisch, Theodore S. **W097**, W297,
 W304, W306, **W311**, **P0111**, P0504,
 P1078, P1083, P1087, P1147
 Kalidindi, Usha W598, P0635
 Kalla, Sara E P1180
 Kalluri, Udaya C **P0321**
 Kambham, Raja Reddy P0929
 Kamfwa, Kelvin **W508**
 Kaminuma, Eli W147, P0330
 Kamoun, Sophien P0951
 Kan, Chia-Cheng **P0857**
 Kanamori, Hiroyuki **P0844**, P0878
 Kanayama, Yoshinori P0800
 Kane, Ndjido A W451, **P0098**
 Kane, Nolan **W277**
 Kanegae, Hiromi P0763
 Kang, Byoung-Cheol **W538**, P0817
 Kang, Hakgu P0379
 Kang, Huiimin **P0477**, P0967
 Kang, Igojo P1108
 Kang, Ju-Won P0767, P0782
 Kang, Jun Won W874
 Kang, Kwon-Kyoo P0213, **P0303**
 Kang, Min-Sung P0803
 Kang, Seong W. W759
 Kang, Sung-Taeg W868
 Kang, Yun W329
 Kanju, Edward W111, W112, P0946
 Kannan, Baskaran W699
 Kanno, Maasa P0363, P0462
 Kant, Surya W557
 Kantar, Michael B. W191
 Kantarski, Traci R. P0919
 Kantartzzi, Stella P0662, P0663
 Kapinga, Fortunus A. W112, P0946
 Kappel, Christian W501
 Karan, Ratna W699
 Karberg, Michael S **P0064**
 Karelina, Darya P0561
 Karlsson, Elinor K. **W429**
 Karn, Avinash **P0715**
 Karp, Peter D **W251**
 Karsi, Attila W034, P1013
 Karthikeyan, Savita P0063
 Kasimanickam, Vanmathy **W136**, **P1160**
 Kassem, Abdelmajid **P0662**, **P0663**
 Kassim, Sadik P0691
 Katagiri, Satoshi P0844
 Katari, Manpreet S. W112, P0946
 Katayama, Minami P0363
 Katayose, Yuichi P0844, P0878
 Kates, Heather Rose **W231**
 Katsube-Tanaka, Tomoyuki P0930
 Katzman, Scott W304, P1087
 Kaur, Baljinder W789
 Kaur, Navjot P0901
 Kaur, Preet P0288
 Kaur, Sukheet P0768
 Kawachi, Masanobu P0328
 Kawai, Takashi W364
 Kawakatsu, Taiji **P0169**
 Kawuki, Robert W113, W509, P0944
 Kazhmrat, Akhmedenov M. P1158
 Kazymbet, Polat P1158
 Kearse, Matt P0461
 Keays, Maria **W484**, **P0332**
 Keeble-Gagnere, Gabriel W965
 Keel, Brittney N W914, W919, P1168
 Kefayati, Sina P0412
 Keilwagen, Jens P0487
 Keivanfar, Nikka P0080
 Keller, Barbara W501
 Keller, Beat **W784**
 Keller, Stephen W750
 Kellogg, Elizabeth A. P0728
 Kelly, Jonathan W143
 Kelly, Terra R. P0294, P1132, P1136
 Kemeraite, Bob P0200
 Kemp, Ryan P0512
 Kemp, William P P0195
 Kemper, AM **P1091**
 Kemper, Ann **W301**, P0285
 Kendall, Timmy W839
 Kendrick, Gary A. P0963
 Kenefick, Aubrey P0533
 Kennedy, Megan P0733, P0734
 Kenney, Brett P1006, P1008
 Kent, Matthew P. P0026
 Kephart, Daniel P0064, P0084
 Kern, Colin **P1115**, P1132
 Kerovuo, Janne **W320**
 Kersey, David P0288
 Kersey, Paul J. C23, **W204**, W490,
W562, P0350, P0364, P0602
 Keyser, Matthew **P0476**
 Khalid, Norzulaani W066
 Khalil, Hala Badr **W393**, **P0879**, **P0881**
 Khalili, Adel W103
 Khamas, Wael P0288
 Khan, Aamir W W435, P0077
 Khan, Asif Ali P0253
 Khan, Awais W903, W905, W906, P0947
 Khan, Hamza P1182
 Khan, Kasim W598, P0635
 Khan, Nadia **P0809**
 Khanal, Sameer **P0758**
 Khandaker, Laila P0662
 Khansefid, Majid W369
 Kharbatia, Najeh M. P0939
 Khodaeiaminjan, Mortaza P0622
 Khodambashi, Nima P1137
 Khoo, Kelvin P0913
 Kianian, Penny **W801**, **P0722**
 Kianian, Shahryar F. W801, P0722
 Kiefer, Hélène W016, P0279, P1050,
 P1059
 Kiehne, Jason W460, P0657
 Kiekens, Filip W734
 Kijas, James **W029**, **W546**, **P1143**
 Kijas, James W. W123, W544, P1142,
 P1146
 Kikuchi, Kazuhiro P1171, P1172
 Kilian, Andrzej W339, P0947
 Killian, Andrzej P0948
 Kim, Bellbull W435
 Kim, Bong Suk W498
 Kim, Changhoon W435
 Kim, Changsoo **P0150**, P0578, P0758
 Kim, Daeil P0010, P0609, P0616, P0617
 Kim, Goon-Bo P0540
 Kim, Hye Ran W090
 Kim, HyunJung **P0771**
 Kim, In-Jung **P0262**
 Kim, Jae-Yoon W868
 Kim, Jee Hye **P0264**
 Kim, Jeongwoon W844, P0230, P0312
 Kim, Ji-Eun P0510
 Kim, Jihun W435
 Kim, Jung-Hee P0609
 Kim, Keumsun P0010, P0609, P0616,
 P0617
 Kim, Kook-Hyung **P0522**
 Kim, Kwan-Suk **P1064**
 Kim, Kyoung Su **P0529**
 Kim, Kyu-Won P0785
 Kim, Kyung Do W586, **W866**
 Kim, Kyung-Hee P0221
 Kim, Me-Sun P0213
 Kim, Mijeong P0408

- Kim, Nam-Hoon P0370, **P0954**, P0955
 Kim, Namshin W868
 Kim, Sangmi P0366, P0510
Kim, Seungill P0970
 Kim, Shinje P0544
 Kim, Tae Hyung P1064
 Kim, Tae-Ho P0510
 Kim, Yongsung P0012, P0016, P0379
 Kim, Yoon-Kyeong P0010, P0617
 Kim, Yunsoo P0704
 Kimatha, Bernadetha W112, P0946
 Kimbeng, Collins W675, P0750
 Kimmel, Erik C12
 Kimura, Gaku P0328
 Kindiger, Bryan **P0057**
 King, Graham J. W822, P0361, P0598
King, Julie W401
 King, Robert W964, **P0524**, **P0525**
 Kingan, Sarah B **P1113**
 Kinser, Jason M. W534, P0480
 Kirana, Rinda P0818
 Kirk, Michelle W948
 Kirkpatrick, Brian W. **P1071**
 Kirov, Ilya W661
 Kirst, Matias W338, W341, P0588,
 P0589
 Kiszonas, Alecia P0133
 Kitano, Hidemi W810
 Kitavi, Mercy N. **W903**, W906, **P0129**,
 P0947
 Kitazumi, Ai **P0139**, **P0140**, P0141,
 P0780
 Kittelmann, Sandra W948
 Kitts, Paul W581
 Kiwifruit Genome Consortium, The W358
 Kjeldsen, Jens Bonderup P0315, P0316
 Kjærner-Semb, Erik P0983, **P0997**
 Kjøglum, Sissel W041
 Klafke, Guilherme M. **P0112**
 Klápník, Jaroslav P0601
 Klaus, Angela V. P0272
 Klein, Patricia E. W663
 Klein, Peter W585, P0644
 Kleinhofs, Andris P0912
 Kleppe, Lene P0983
 Kliesenstien, Daniel P0203
 Klink, Vincent P. **W702**
 Kliver, Sergei **P0022**
 Klopp, Christophe P0025, P1012
 Klos, Athena P0917
 Klos, Kathy L. P0887, P0917
 Klymiuk, Valentina P0891
 Knäbel, Mareike **W360**, P0614
 Knapp, Mary W748, P0931
 Knowles, Donald P. P1152
 Knox, Ron E. P0835, P0850, P0884,
 P0895, P0898
 Knudsen, Jens C. N. P0643
 Knuepffer, Helmut W967, P0902
 Koba, Takato P0911
 Kobayashi, Fuminori P0844, **P0878**
 Kobayashi, Masaaki P0363, P0462,
 P0463, P0500, P0737, P0741, P0743
 Kobayashi, Masatomo P0328
 Kobayashi, Masatosmo P0362
 Koch, Christian P1061
 Koch, Jennifer P0592, P0593
 Koch, Kyle P0227
 Kocher, Thomas P1019
 Kochi, Nobuo P0626
 Kochian, Leon **W219**
 Koenders, Sedona P1123
 Koenen, Erik J. M. W342
 Koester, Dietrich **P0049**, **P0052**, **P0055**
 Koh, Chu Shin W632
 Koh, Jin P0200
Kohli, Ajay W814
 Kokan, Nighat P W803, P0381
 Kokulapalan, Wimalanathan (Gokul)
 P0706, **P0711**
 Kolade, Olufisayo W904, P0421
 Kole, Chittaranjan **W152**, W537
 Kole, Phullara **W537**
Kolicheski, Ana Leticia W120
 Kolmer, James P0877
 Koltes, Dawn A W022, P1044
 Koltes, James E. **W022**, **P0373**, **P1044**
 Komatsuda, Takao P0908, **P0911**
 Komíneková, Eva P0843, P0896
 Komissarov, Aleksei P0022
 Komoda, Keisuke P0514
 Kong, Byung-Whi W767, W769, P0192,
 P1126
 Konkin, David J. F. **P0822**
 Kono, Atsushi W361
 Kono, Thomas J. Y. W601, **P0130**,
 P0661, P0717
 Konzelman, Carly W931, P0775
 Koo, Dal-Hoe W397
 Kooyers, Nicholas J. P0978
 Kopecky, David **W332**, W334, W400,
 P0837
 Koppolu, Ravi P0909
 Koralewski, Tomasz W352, P0583
 Koren, Sergey **W075**, W124, W137,
 W138, P1161
 Korf, Ian P0274, P1058, P1115
 Koringa, Prakash P1072
 Korlach, Jonas P1113
 Korol, Abraham B. **P0866**, P0891
 Korsvoll, Sven Arild W041
 Korth, Ken W329
 Koshiba, Taichi P0737, P0743
 Koshinsky, Heather P0834, **P1149**
 Kositsup, Boonthida P0218
 Kottapalli, Kameswara Rao P0151
 Kottapalli, Pratibha P0151
 Kottler, Verena A. **P0025**
 Koukou, Amani W904, P0421
 Koumproglou, Rachil W785
 Kourmpetis, Yannis W753
 Koury, Jeffrey P0288
Kouyama, Haruka P0328
 Kovacs, Laszlo W478
Kovaleski, Alison P. W693
 Kovar, Lynsey L. W342, P0703
Kovi, Mallikarjuna Rao P0918
 Kowalski, Elizabeth W295
 Koyanagi, Ryo **P0083**
 Kozik, Alex P0079
 Kraft, Jelena P0514
Kramer, Luke P1074
 Krasileva, Ksenia V C29
 Krattinger, Simon **W618**, W784
 Krause, Johannes P0532
 Krause, Margaret R. **W141**
 Krehbiel, Clint W133
 Kreide, Stefanie W967, P0902
 Kremling, Karl A. W594
Kreplak, Jonathan W208
 Krishna Murthy, Panneerselvam **P0649**
 Krishnakumar, Vivek P0352, P0353,
 P0645
 Krishnaraj, Rahul R. P0963
 Kristensen, Peter Skov **P0858**
 Kriventseva, Evgenia V. C20, W195,
 P0452
 Krom, Nick P0095, P0355
 Kronmiller, Brent **W934**
 Krugman, Tamar **P0293**, P0866
 Krzeminska, Urszula **P0429**
 Ksiazczyk, Tomas W400
 Kubát, Zdeněk **P0183**, P0306
 Kubisiak, Thomas W340
 Kubo, Yasutaka P0800
 Kucuk, Erdi P1182
 Kudinov, Andrei A. P0115, **P0425**
 Kudo, Toru P0336, **P0363**, P0462,
 P0463
 Kudrna, David W570, W821, P0769
 Kuehn, Christa W373, P1061, **P1079**
 Kuehn, Larry A. W133
 Kuenzel, Wayne **W759**
 Kuepper, Anita **P0267**
 Kuhn, Robert **W979**
 Kulakovskiy, Ivan V. W199
 Kulakow, Peter W111, W509
 Kulembeka, Heneriko Philbert W112,
 W509, P0946
 Kulheim, Carsten W348, P0597
 Kulkarni, Manoj P0821
Kulkarni, Roshan P0076
 Kumar, Anuj W931, P0775, **P0779**
 Kumar, Arun **P0816**
 Kumar, Dinesh W598, P0635
 Kumar, Mohan P0572
 Kumar, Neeraj W598, P0635
 Kumar, P. Lava W904, P0421
 Kumar, Sachin **P0850**
 Kumar, Santosh P0895
 Kumar, Satish W094, P1070
 Kumar, Sujai C08, P0446
 Kumar, Vijay W012, W076, P0074
 Kumar, Vinay W435, P0200
 Kumar, Vivek P0310, **P0448**
 Kumari, Sunita W820, P0005, **P0310**,
 P0448
 Kumlehn, Jochen **W978**, P0871
 Kundariya, Hardik W226
 Kuo, Richard **W773**
 Kuo, Tony **P0495**
 Kuon, Joel **P0945**

- Kuraparthys, Vasu **W789**
 Kurata, Nori P0139, P0330
 Kuriakose, Boney P0572, P0791
 Kurita, Kanako P0844
 Kurita, Manabu P0586, P0587
 Kuroda, Yosuke W885
 Kurtzman, Cletus P. W392, P0535
 Kurzbauer, Marie-Therese **W797**
 Kusaba, Makoto P0328
 Kusi, Francis **W006**
 Kusmec, Aaron M **P0714**
 Kustra, Jesse P0835
 Kutzler, Michelle W108, P1173
 Kuzay, Saarah Noriko **P0848**
 Kwak, Kyeong-Rok P0113
 Kwak, Sang-Soo W907
 Kwasniewski, Miroslaw P0059
 Kwasniewski, Misha W478
 Kwon, Jin-Kyung P0817
 Kwon, Mi P0012
 Kwon, Soon Wook P0770
 Kwon, Soonil P0313
 Kyriazopoulou-Panagiotopoulou, Sofia W011, P0074
 La Rota, Mauricio W593
 Labadie, Karine W098, P0786
 Labate, Joanne A **W453**
 Labbe, Caroline P0159
 Lacape, Jean-Marc P0573
 Lacey, Dylan P0917
 Lachagari, V B Reddy **P0068, P0531, P0572, P0791**
 Lachance, Hannah P1038
 Lacombe, Thierry C12
 Laegreid, William W. P0504
 Laenen, Benjamin W753
 Lafayette, Christa P1077
 Laganara, Caterina P1157
 Lagendijk, Emmanuelle P0824
 Lahaye, Thomas W264, P0037
 Lai, Jinsheng W447, P0723, P0724
 Lai, Wei Yun **P0400**
 Laidò, Giovanni P0889
 Laimbeer, Parker W844
 Lainé, Mathide C12
 Laitz, Alessandra Vasconcellos Nunes P0263
 Lakhssassi, Naoufal **W604**
 Lakshman, Kurupanawa Gamage Vinavi Amindika P0703
 Lam, Stephanie P0276
 Lamb, Peggy P0875
 Lamberson, William R. P1154
 Lambert, Christine P0031
 Lambert, Willy W734
 Lamont, Susan J. W024, W025, **W756, W774**, P0191, P0294, P1119, P1131, P1132, P1133, P1136
 Lamos-Sweeney, Joshua C09, P0441
 Lanaud, Claire W098
 Lanciano, Sophie W952, **W953**
 Landi, Pierangelo W461, P0716
 Landi, Vincenzo P1065
 Lando, Andrey W199
 Lane, Thomas C26, P0473, P0593
 Lang, Daniel **W197, W638**, W639
 Langdon, Tim **W405**, W653, P0914, **P0915**
 Lange, Matthias **C15**, W967, **P0030**, P0326, P0902
 Langevin, Micaela W585, P0644
 Langhorst, Bradley W **P0975**
 Langlade, Nicolas P0041
 Langley, Charles H. W352
 Langridge, Peter P0906
 Lantican, Darlon V. **P0039**, P0061, **P0731**, P0807
 Laperche, Anne **W284**
 Lapitan, Nora **W166**
 Lapitan, Nora L.V. P0837
 Laporte, Marie-Angélique C22, P0323
 Laporte, Martin W026
 Lara, Letícia Aparecida de Castro **P0759**
 Larkin, Denis **P1069**
 Larkina, Tatyana A. P0115
 Larking, Anna W495
 Larkum, Anthony W.D. P0963
 Larmande, Pierre **C01, C10, W571, P0322**, P0442
 Laroche, Jérôme P0655
 Larrain, M. Angelica W030, P1024
 Larsen, Scott W121
 Larsen, Siri P0730
 Larson, Josh P0389
 Larson, Steve W673, P0919
 Lasagna, Emiliano P1106
 Lassaline, Mary P1099
 Last, Robert L. P0205
 Laudencia-Chingcuanco, Debbie W727
 Lauer, Eddie **P0860**
 Laurens, Francois P0614
 Laurens, Francois L. P0009
 Lavalle, Jaquin P0778
 Law, Julie **W290**
 Lawrence, Cera P0398
 Lawrence, Daniel P. P0528
 Lawrence, Kathy P1184
 Lawrence, Mark W034, P1013
 Lawrence-Dill, Carolyn W143, P0004, P0706
 Lazo, Gerard R. C17, W569, P0349
 Lazzari, Barbara P1051, P1151
 Le Caherec, Françoise W284
 Le Dantec, Loïck P0011
 Le Danvic, Christelle P0279
 Le Danvic, Chrystelle W016, P1050
 Le Gouis, Jacques **P0824**
 Le Luyer, Jeremy W026
 Leahy, Sinead W948
 Leal, Joel David **P0428**
 Leal-Bertioli, Soraya C M P0236, P0674
 Leavitt, Steven P0536
 Leblanc, Rachael P0820
 Leckband, Gunhild W441
 Ledbetter, Craig A. P0072
 Ledur, Monica Correa P1118, P1125
 Lee, Ah-Rim P0770
 Lee, Bong-Woo P0366
 Lee, Brian **W980**
 Lee, Byung-Moo P0221
 Lee, Cheng P0488, P0491
 Lee, David J. W822, P0598
 Lee, Deokgyu P0016
 Lee, Dewey P0200
 Lee, Eunbi P0185
 Lee, Geung-Joo **P0040, P0265**
 Lee, Hayan W896
 Lee, Heayoung **P0817**
 Lee, Hee-Kyung W329
 Lee, Huey Tyng **W179, W279, P0963**
 Lee, Hyo-won P0640
 Lee, Hyuk Jin P1154
 Lee, Hyun-Sook P0767, P0782
 Lee, Jae-Chul P0782
 Lee, Jana P0631
 Lee, Jeong-Hee P0366, P0510
 Lee, Joohyun P0408
 Lee, Joon Seon **P0792**
 Lee, Joslynn **W240, W872**
 Lee, Jou-Yi P0552
 Lee, Ju Seok **W868**
 Lee, Jungmin P0631
 Lee, Junki P0954, P0955
 Lee, Kiho **W913**
 Lee, Mi Ok **P1135**
 Lee, Min-Gi P0010, **P0609**, P0616, P0617
 Lee, Myoung Hee P0510
 Lee, Nigel W143
 Lee, Pinghua P0138
 Lee, Rebekah W790, P0941
 Lee, Rian P0682
 Lee, Ryan P0713
 Lee, Sang-Choon P0370, P0953, P0954, P0955
 Lee, Sanghyeob **P0237, P0637, P0638, P0639**
 Lee, Seonghee P0304, **P0627**
 Lee, Seunghee W821
 Lee, Sun-Gye P0782
 Lee, Sung-Jin **P0113, P0114**
 Lee, Taein C19, W080, W359, W418, W957, W960, P0354, P0357, P0369, P0465, P0467, P0647
 Lee, William P1138
 Lee, Yeong-Ju P0782
 Lee, Yoonjung P0408
 Lee, Young Joon P0540
 Lee, Young Koung P0742
 Lee, Yun Sun P0953
 Leeb, Tosso W296, W298, W304, P1087
 Leebens-Mack, Jim **W178**, W387, P0459
 Leeds, Timothy D. P1006, P1008, P1011
 Lefèvre, Lucas W094, P1070
 Leger, Elizabeth A. P0102
 Legge, David P0468
 Legnate, Hyacinthe P0106
 Leisner, Courtney W844, P0815
 Leitch, Ilia J W641
 Lekkala, Sivarama Prasad P0572, P0791
 Lemay, Danielle P1058
 Lembke, Carolina G W896

- Lemke, Cornelia P0551
 Lemmon, Zachary H. **P0176**
 Lenaghan, Scott C. **W854**
 Lenderts, Brian L. W593
 Lenhard, Michael **W501**
 Lenk, Ingo W333
 Lents, Clay A W914, W919, P1168
 Leon, Jens W161
 Leon, Rocio W542
 Leonard, Jeffrey M. P0870
 Lepak, Nicholas K. W594
 Lepelley, Maud P0106
 Leroux, Christine P1059
 Leroux, Damien **C05, P0484**
 Leslie, John F. P0523
 Lespinasse, Yves P0009
 Lestari, Puji **P0818**
 Letellier, Thomas C12, W582, P0350
 Leung, Alden King-Yung P0506
 Leung, Wilson W803, P0381
 Leus, Leen W661
 Leverett, Jenny W586
 Levi, Amnon W234, P0642
 Levy, Joshua P0980
 Lewin, Harris A. W127
 Lewis, David W353
 Lewis, Samantha L. **P1090**
 Lewis, Suzanna W629, P0444
 Lewsey, Mathew G. **W476, P0136**
 Lhorente, Jean P. P0998
 Li, Bichun W015
 Li, Bo P0939
 Li, Chengdao W966, P0906
 Li, Fay-Wei **W642**
 Li, GuoLong P0062
 Li, Guotian W728, **P0761**
 Li, Haitao **P0556**
 Li, Hao **P0298**
 Li, Hongbo P0281
 Li, Huang P0744
 Li, Hui W595, P0035, P0043, P0422, P0805
 Li, Huihui **W880**
 Li, Jie W739, P0567, P0574
 Li, Jinquan P1156
 Li, Jun P0509
 Li, Junya W127
 Li, Ling **W285**, P0199
 Li, Meizhen P0199
 Li, Na P0281
 Li, Ning **P1014**
 Li, Ping W525
 Li, Qiang P0868
 Li, Qing P0906
 Li, Qingshun Quinn **W282**, P0288, **P0595**
 Li, Robert W. P0489
 Li, Ronghua P0127
 Li, Ruijuan **P0544**
 Li, Ruzhong P0568
 Li, Shuxian **P0021**
 Li, Song **W933, P0557**
 Li, Tao P0894
 Li, Weiming W821
 Li, Weizhong P0489
 Li, Xia **W865**
 Li, Xianran **W314**, W431, W454, P0708, P0974
 Li, Xiaokai **P1156**
 Li, Xiaonan W543
 Li, Xin P0295
 Li, Xinyun **W780, P0283, P0284, P1166**
 Li, Xiu-Qing **W850**
 Li, Yan **P0160**
 Li, Yang P1129
 Li, Yifeng P0868
 Li, Yongjun P0601
 Li, Yuhong W236
 Li, Zaifeng **P0880**
 Li, Zenglu P0650, P0664
 Li, Zhen P0359
 Li, Zhi-Kang W154
 Li, Zhizhang P0231
 Li, Ziang P0296
 Liachko, Ivan **W315**, W353, **P0078**
 Lian, Ling P0295
 Liang, Chengzhi W180, P0007
 Liang, Qihua P0688
 Liang, Tiffany W820, P0005
 Liang, Wanqi **W687**
 Libault, Marc W585, P0644
 Licciardello, Concetta **W355**
 Liebenberg, Junita P0280
 Lien, Sigbjørn **W036**, W041, P0026, P1007
 Liepe, Katharina W742
 Lifschitz, Eliezer W523, P0257
 Lightfoot, Damien James W790, P0939
 Lightfoot, David A. **W778, W944**, P0662, P0663
 Lillo, Victoria P0240
 Lim, Jarielle D C13, P0324
 Lim, Joo Young **P0171**
 Lim, Sung Don P0020, P0056, P0182, **P0399**
 Lim, Yong Pyo **W543**, P0542
 Lima, Bruno M. W338
 Lima, Flora Bittencourt P0589
 Lin, Feng P0670
 Lin, Feng-Mao W735
 Lin, Hong **W782**
 Lin, Jennifer **W249**
 Lin, Junyan P0222
 Lin, Lifeng P0576
 Lin, Myat T W730
 Lin, Qiaoshan W959, P0358, P0360, **P0479**
 Lin, Senjie P0198, P0199
 Lin, Song **P0989**
 Lin, Tao P0156
 Lin, Xin P0199
 Lin, Xuan P0584
 Lin, Yann-rong **P0552**, P0784
 Lin, Yanping P0266
 Lin, Yongjun P0774
 Lin, Zhelong W447, P0723, P0724
 Lin, Zhongwei **W447, P0723, P0724**
 Lindquist, Erika A. W726
 Lindqvist, Charlotte **W947**
 Ling, Hong-Qing **W180**, P0007
 Links, Matthew **W499**
 Linning, Rob W393, P0879, P0881
 Linsmith, Gareth P0009, P0614
 Lipinski, Monika W121
 Lippman, Zach P0176
 Lipshitz, Howard D. W842
 Lipzen, Anna P0761
 Liston, Aaron W342, W356, W830
 Liu, Bao **W680**
 Liu, Chang W661
 Liu, Chaochih P0130
 Liu, Congcong P0475
 Liu, Degao P0320
 Liu, Di W595, P0035
 Liu, Dongtao P0894
 Liu, George E. W020, **W127**, P1040, P1049
 Liu, Haibo **P1162**
 Liu, Hongjun P0718
 Liu, HongMei W641
 Liu, Hui W180, P0007
 Liu, Huiming **P0392**, P0409
 Liu, Jian-Feng P0477, P0967
 Liu, Juge P0160
 Liu, Kede P0556
 Liu, Li-yu Daisy **P0390**, P0400
 Liu, Lifeng **W084, P0222**
 Liu, Liwang P0103, P0165, P0167
 Liu, Melissa Huang **W928, P0202**
 Liu, Qingchang W907
 Liu, Qiong **P0672**
 Liu, Sanzhen P0718, P0719
 Liu, Shengyi **W436**
 Liu, Shikai W043, P0982, P1014, P1015
 Liu, Shiming P0662, P0663
 Liu, Shuyu **W709**, P0855, **P0882**
 Liu, Sixin **W033, P1009**, P1011
 Liu, Tiffany P0927
 Liu, Wansheng **W827**, P1148
 Liu, Wende **W781**
 Liu, Xin P0673
 Liu, Yang **W923, P0311**
 Liu, Yiming P0230
 Liu, Yue W123, W544, P1142, P1146
 Liu, Yun-Hua **W938, P0564**, P0712
 Liu, Zhanjiang W043, **W643**, P0982, P1014, P1015
 Liu, Zhongchi W357, **W722**
 Liu, Ziying P0868
 Liverani, Alessandro P0620
 Lizarraga, Cesar P0138
 Llauro-Berger, Christel P0088
 Lloyd, David W494
 Lloyd, John **P0206**
 Lo, Pei-ching W810
 Lo, Sassoum **P0689**, P0690
 Loaec, Mikael W582
 Lobaton, Juan David C06
 Loeffler, Dayna P0405
 Lohi, Hannes P1030
 Loi, Pasqualino P1151
 Lokuruge, Prabhath P0835, P0895
 Lomax, Lionel P0134

- Lombardi Lopes, Flavia P1037
 Lonardi, Stefano **P0688**
 Londo, Jason W478, W693
 Lone, Ajaz Ahmad **P0929**
 Long, Evan Michael **P0566**, P1107
 Long, Manyuan **W809**
 Long, Maureen T. P1090
 Long, Quan **W882**
 Long, Stephen P0315, P0316
 Long, Stephen P. W266
 Long, Yuming P0825
 Longeri, Maria P0424
 Lootens, Peter W071
 Lopatto, David W803, P0381
 Lopes, Francis J. F. W344
 Lopes, Ivani de O. N. P0437
 Lopes, Karina L **W783**, **P0541**, **P0558**
 Lopes, Mariana R. W392, P0535
 Lopez Girona, Elena **P0811**
 Lopez, John P0135
 López-García, Antonio W146
 Lopez-Montes, Antonio W904, P0421
 Loppin, Benjamin W826
 Lordan, Jaume W477
 Lorence, Argelia P0401
 Lorenz, Aaron J. W223, P0661, P0839
 Lorenzen, Jim **W902**
 Lorenzen, Marcé D. **W054**
 Lotterho, Katie W742
 Lou, Qunfeng P0296
 Lourenco, Daniela A.L. **W135**
 Loveland, Jane **W409**, **W580**
 Lovell, John T. W671
 Lowe, Keith S. W593
 Lowry, David W671
 Lu, Fei W113, P0944
 Lu, Guihua P0519
 Lu, Jerry W246, W399
 Lu, Jingjun W034, P1013
 Lu, Lu W813, P0776
 Lu, Mengzhu W345
 Lu, Shanfa W540
 Lu, XiaoPing **P0736**
 Lu, Xuemei P1140
 Lu, Yan W655
 Lu, Zefu W586
 Luan, Yu W780, P1166
 Lubberstedt, Thomas **W440**
 Lubieniecki, Krzysztof P. W037, P0992
 Luby, James J. W691
 Lucchini, Rosaria P1065
 Lucero, Mariana P0288
 Luciani, Marianela D. P0804
 Lucke, Miriam P0561
 Lugowski, Andrew W842
 Lukaszewski, Adam P0837
 Lumbsch, H. Thorsten P0536
 Lun, Yanni W964, P0827
 Lund, Ashlee R P1139
 Lund, Lucy I **P0683**
 Lundeberg, Joakim W376, P0053
 Lundquist, Peter K. **P0697**, P0698,
 P0700
 Lung, Oliver **P0045**
 Lunney, Joan K. **W918**, P1169
 Luo, Jie **W811**
 Luo, Meizhong W821
 Luo, Ming **W264**, **P0037**
 Luo, Ming-Cheng P0298, P0406, P0688,
 P0833
 Luo, Xiaobo **P0103**, P0165, P0167
 Luo, Yijie W821
 Lushbough, Carol **C04**, **W869**, **P0337**,
 P0386
 Lux, Thomas W576, P0248
 Lv, Fang W821
 Lyckett, Samantha J P1139
 Lyman, Hannah S **P1058**
 Lynch, Jonathon W439
 Lyons, Eric C16, **W560**, P0353, P0443,
 P0645
 Lyons, Jessica B. W112, **W910**, P0946
 Lyons, Leslie A. W119, W121, **W456**,
 P1031, P1033
 M, Megha P0531
 Ma, Bin W180, P0007
 Ma, Dai-fu W907
 Ma, Haiming P1164
 Ma, Hao **P1005**
 Ma, Hong W800
 Ma, Hongxiang P0894
 Ma, Li P0493, P0497, P0498, P1049
 Ma, Qin W460, W728, **P0502**, P0657
 Ma, Wenbo **W497**, **W841**
 Ma, Xiao P0292
 Ma, Yanhong W829
 Macaulay, Malcolm P0299
 Maccaferri, Marco **P0845**, P0862
 Macciotta, Nicolò P. P. **W096**, **P0503**
 Macdonald, Lucy P0601
 Mace, Emma S **W379**, W858, P0738
 Macedo Mota, Lúcio Flávio P0277
 Macedo, Leonardo Lima Pepino P0271
 Machado, Marco Antonio P1054
 Mack, Maura **W295**, W304, P1087,
 P1099
 MacKenzie, Sally **W226**, W656
 MacLachlan, P.R. P0822
 MacLeod, Iona M W130
 MacLeod, James N. W304, W306, W311,
 P1078, P1087
 Madakadze, Rufaro P0385
 Madalli, Devika M. W571
 Madison, Crista A. W525
 Madoroba, Evelyn W911
 Madsen, Ole W370, W633, P0065
 Madubanya, Lebogang Angelo P0092
 Maeda, Fumi P0018, P0243
 Mafi Moghaddam, Samira P0682
 Maga, Elizabeth A. **W309**
 Magbanua, Zenaida **P0971**
 Magbanua, Zenaida V. P0017
 Magill, Andrew B. W561
 Magris, Gabriele W489
 Mahato, Ajay Kumar W598, P0635,
 P0692, P0693
 Mahdy, Ezzat P0926
 Maher, Lily P0917
 Maheshwari, Shamoni W012
 Mahfouz, Magdy **W606**
 Mähler, Niklas W335
 Mahoney, Lise L. P0624
 Maia, Ivan G. **P0263**, P0600
 Maier, Jennifer A. **W455**
 Maier, Thomas P0665
 Main, Dorrie C19, W080, **W252**, **W359**,
 W418, W956, W957, W959, W960,
 P0331, P0354, P0357, P0358,
 P0360, **P0369**, P0465, P0467,
 P0479, P0647
 Maiti, Rama P0135
 Majdak, Petra P0286
 Majid, M. A. P0584
 Majoros, William W630
 Makarevitch, Irina **P0730**
 Makeev, Vsevolod **W199**
 Makumbi, Dan P0705
 Malacarne, Giulia C03, P0365
 Malacrida, Giorgio P1001
 Maldonado, Carlos W821
 Maldonado, Carlos Ernesto **W171**
 Maldonado, J. P0251
 Maldonado, Jonathan W542
 Malek, Joel A. W103, **W668**
 Maley, Carlo C. W458
 Maliga, Pal **W851**
 Mallicote, Martha F. P1090
 Malolepszy, Anna W381, P0648
 Maloof, Julian N. P0544
 Maltecca, Christian **W920**
 Mamidi, Sujan W073
 Mamo, Teshale **P0671**
 Manchanda, Nancy **P0004**, P1162
 Manching, Heather C. P0058
 Mancini, Melina C. W897, **P0747**, P0749,
 P0752
 Manda, Prashanti P0378
 Manfredi, Jane M **P0285**
 Mangandi, Jozer P0627
 Mangetti Goncalves, Tassia **P0286**
 Maniccaci, Domenica W451
 Maniero, Rafael P0137
 Mank, Judith E. P1122
 Mannapperuma, Chanaka W335
 Manohar, Anand Noel C. P0039
 Manoharan, Muthusamy P0949
 Manos, Paul P0591
 Manrique Carpintero, Norma C. W844
 Mansan-Almeida, Rosane P0015
 Mansfeld, Ben P0641
 Mansfield, Shawn D. W343
 Mansour, Tamer W762
 Mansour, Tamer A. W303, **P1026**
 Mansueto, Locedie **C25**, **P0346**
 Mantilla Perez, Maria Betsabe **P0740**
 Mantovanini, Luana Jandhy P0151
 Manzon, Richard P0090
 Maoz, Itay W600
 Maragues, Marc P0861
 Marand, Alexandre **P0815**
 Marande, William P0041
 Marqa, Tasneem P1174

Marcelino-Guimarães, Francismar C. **P0437**
Marcon, Caroline P0143
Marconi, Gianpiero P0419
Mareri, Lavinia W786
Margarido, Gabriel Rodrigues Alves W896
Maria, David W906, P0947
Mariac, Cedric W451
Mariadassou, Mahendra P1120
Marino, Celso Luis **P0596**
Marino, Thiago P. **P0058**
Marks, Patrick W011, P0074
Marks, Stan P1026
Marla, Sandeep R. **W860, P0745**
Marquardt, Annelie W890, **W891, P0732**
Marques, Lara O. C. P0674
Marraccini, Pierre W173
Marras, Gabriele P1065
Marroni, Fabio W489, P1065
Marsh, Danil P0917
Marshall, David **W202**
Marshall, David S. P0886
Martens, Thomas P0432
Marthey, Sylvain W016, P0279, P1050
Martienssen, Rob **W291**
Martin, Fergal J. P1117
Martin, Francis W391
Martin, Frank P0019
Martin, Guillaume **W064**, W098, W889
Martin, Joel P0761
Martin, John M. P0147, P0290, P0852, P0853
Martin, Jordan P0247
Martin, Kyle E. W033, P1009, P1011
Martin, Madhavi Z W349
Martin, Michael D. W981
Martin-Magniette, Marie-Laure W965
Martinell, Brian J. P0300
Martinez Garcia, Marina **W688**, W798
Martinez, Paula W090
Martinez, Victor **P0987, P0990, P0991, P1021**
Martino, Giuseppe P1106
Martins, Alexandre Palma Boer P0225, P0226, P0228
Martins, Andressa CQ P0236
Martins, Eliane. R. F W897, P0752
Marzano, Shin-Yi **P0527**
Masalia, Rishi R. P0793, **P0794**
Mascher, Martin **W216, W452**, W966, W967, P0830, P0902, P0906
Masembe, Charles P1105
Mashingaidze, Kingstone P0092
Masiga, Clet Wandui W534, P0480
Mason, Andrew S **P1139**
Mason, Brett W369
Mason, Victor **W298**
Masonbrink, Rick **P0665**, P0984, P1025
Massa, Alisha T. **W548, P1153**
Massanelli, Jackson W931, P0775
Mastrangelo, Anna-Maria **P0889**
Mastrangelo, Salvatore P1065
Masuda, Yutaka W135
Masuko-Suzuki, Hiromi P0261
Masumba, Esther A. W112, P0946
Matala, Andrew P. P1017
Matas Arroyo, Antonio Javier **P0632**
Mateescu, Raluca W133, P0428
Materna, Arne P0079
Mather, Diane P0913
Mathis, Corey P0389
Mathur, Vinayak W804
Matika, Oswald P0996
Matny, Oadi P0889
Matsaunyane, Lerato Bame Tsalaemang **P0241**
Matson, Michael EH **P0521**
Matsuhiro, Hiroaki W885
Matsui, Katsuhiro P0930
Matsumoto, Takashi P0844
Matsunaga, Koji P0585
Matsuoka, Makoto W810
Matthews, Ben P1113
Matthews, Benjamin F. P.0021
Matthews, David C14
Matthey-Doret, Rémi W191
Mattison, Ashley Jean P0733, P0734
Matvienko, Marta **P0079**
Maughan, Peter J. **W790**, P0939, **P0941**
Mauleon, Ramil P. C25, W570, W571, P0346
Maurer, Dalia W600
Maurer, Taylor P1154
Maurizio, Paul L. W230
Mavraganis, Ianis W326
Mavraganis, Ioannis P0868
Mayer, Jesse A. P0056, **P0928**
Mayer, Klaus F.X. W576, W966, **P0248**, P0326, P0906
Mayes, Mary Sue P1074
Mays, Jody W762
Mazzoni, Gianluca P0187, P1066
Mbewe, Willard **P0438**
McAllister, Christine W674
McAtee, Peter W360
McCabe, Chantal **W587, P0669**
McCallum, Brent W393, P0879, P0881, **P0883**
McCallum, Jason P0233
McCallum, John A. W360
McCarthy, Fiona **W772, P0378**
McCarthy, Fiona M. **W253**
McCarthy, Kyle A P0826, **P0829**
McCartney, Curt P0872, **P0898**
McCarty, Jack W525, P0577
McClean, Phillip P0682, P0683
McCombie, W. Richard W090, W820, P0005, P0072
McCormick, Ryan F. W002, **P0733, P0734**
McCouch, Susan C09, **W445, P0441, P0456**
McCoy, Annette M **W300, W301, P1093, P1094**
McCue, ME P1080, P1089, P1091
McCue, Molly E W293, W299, W300, W301, P0285, P0458, P1076, P1093, P1094, P1095, P1096, P1098, P1099
McCulloch, Alan P0128, P1143
McCulloch, Mary B. W545, P1144
McCutcheon, L. Jill P0285
McDaniel, Stuart **W720**
McDermott, Geoff W396
McEwan, John W531, W552, W948, P0128
McFerson, Jim C19, W359, W418
McGarry, Roisin C. W523, P0257
McGaugh, Suzanne E. P0717
McGaughey, Deah C19, P0354, P0357, P0647
McGee, Rebecca P0354, P0647
McGinnity, Philip P0997
McGrath, Justin M. **W266**
McGrath, Mitch W884
McGraw, John P0593
McGuire, Cate P0405
McGuire, Michelle P0504
McGuire, Pat W352, P0298
McKain, Michael W669
McKay, Stephanie **W20, P1038, P1040, P1042**
McKenzie, Neil W086, P0555
McKim, Sarah M **W969**
McKinley, Brian P0733, P0734
McLaren, Graham **W516**
McMahon, Michelle P0927
McMullen, Michael D. W820, P0005, P0708
McNally, Kenneth L. C25, W079, W569, W570, W572, P0346
McNeilage, Mark W360
McNinch, Colton Michael **P0725**
McPherson, Marla C. W761
McRae, Kathryn W552
McSweeney, David W329
McWilliam, Sean P1143
Meade, Fergus P0810
Meadows-McDonnell, Madeleine W931, P0775
Medina, Viviana W163
Medjugorac, Ivica P1065
Medrano, Juan F. W138, W176
Megens, Hendrik-Jan W775
Mehta, Perdeep P0355
Mei, Wenbin W181, **W745**
Meier, Austin **C22, P0215, P0323**
Meier, Nathan P0870
Meier, Nicholas A. **P0836**
Meisel, Lee W542
Meji-Melchor, Enoc P1046
Meksem, Khalid **W945**, P0662, P0663
Melamed-Bessudo, Cathy **W799**
Melicher, Dacotah **P0195**
Melick, Lucy P0917
Mellen, Jeff W396
Melnik, Charles W. W476, P0136
Melo, Arthur T. O. **P0032**
Melo, Dheyne S. W354
Melo, Leonardo C. P0415

- Menda, Naama P0464
 Mendez, Carmen P0917
 Mendoza, Ephraim D. P0017
 Mendo, Venugopal P0104, P0256
 Meneses, Claudio W365
 Meng, Lei P0440
 Meng, Qingchang W123, W544, P1142, P1146
 Mengesha, Wende Abera **P0093**
 Mengist, Molla Fentie **P0812**
 Menkir, Abebe P0093
 Menzies, Jim P0898
 Merchant, Nirav W203, W244, W627
 Merchuk, Lianne P0866
 Merchuk-Ovnat, Lianne W507, P0904
 Merdinoglu, Didier P0604
 Merot-l'Anthoene, Virginie P0106
 Merotto, Aldo W699
 Merrick, Paul W923, P0311
 Merrill, Keith R. P0102
 Meseka, Silvestro P0093
 Mesiti, Francesca P0810
 Metairon, Sylviane P0106
 Metcalfe, Cushla J. W954
 Metz, Jackie Lin W056, **P0435**
 Metz, Richard W709
 Meuwissen, Theodorus M. P0394
 Meyer, Brad P0850
 Meyer, David P0709
 Meyer, Laura M W022, P1044
 Meyer, Susan E. P0102
 Meyers, Blake **W177**
 Miao, Fang P0857
 Micali, Sabrina **P0620**
 Miccono, Maria de los Angeles **P0246**
 Michael, Saju P0068
 Michaeli, Yael P0560
 Michal, Jennifer J. W631, W922
 Michaud, Josee P0956
 Micheletti, Diego P0009
 Michelini, Fabienne P0589
 Michelmore, Richard W189, P0533, P0544, P0933, P0935, P0936, P0958
 Michno, Jean-Michel W601, P0458, P0658
 Michotey, Célia **C02**, C12, W582
 Mickelson, James R W293, W299, P1094, P1095, P1096, P1098, P1099
 Mickelson, JR **P1076**, P1080, P1089, P1091
 Micklos, Dave **W806**
 Middleton, John P0426
 Middleton, Mollie W744
 Middleton, Tawni W189
 Mienaltowski, Michael J. W303, W304, P1087
 Migeon, Pierre A **P0718**
 Miglior, Filippo P0276, P0496, P1056
 Mihani, Ritu P0142
 Mihelich, Nicole T. **P0305**
 Mihovilovich, Elisa **P0814**
 Mikawa, Satoshi P1171, P1172
 Mikel, Mark A. P0069, P0070
 Mikkelsen, Tarjei W396
 Mikko, Sofia W296
 Milanesi, Marco W021, P1157
 Milbourne, Dan W491, P0008, P0810, P0812, P0920
 Milc, Justyna W786
 Milfort, Marie C W758
 Milgate, Andrew P0863
 Milinkovitch, Michel C. P0024
 Milla-Lewis, Susana R P0758
 Miller, Allison **W478**, **W674**
 Miller, Charlotte Noelle **W086**, **P0555**
 Miller, Donald W103, P1081, P1088
 Miller, Hilary P0461
 Miller, Laura C. P0204, P0282
 Miller, Michael W794
 Miller, Phillip S. W919
 Miller, Robert J. P0112
 Miller, Robert N. G. **W065**, **P0015**
 Miller, Stephen P. P0276
 Miller, W. Allen **P0514**
 Milner, Sara G. **W967**, **P0902**
 Minamikawa, Mai W147, P0500, P0737
 Ming, Liang **W106**
 Ming, Ray W829, **W893**, W898, W900, P0751, P0753
 Ming-Whitfield, Brittni **W294**, W304, P1087, **P1097**
 Minh, Luu Quang P1171, P1172
 Minotto, Alice W245
 Mirkov, T. Erik W895, P0410
 Mirouze, Marie W952, W953, P0088
 Mishima, Kentaro P0585, **P0586**, P0587
 Mishra, Chandan Kumar C13, P0324
 Mishra, Rupesh K. W598, P0635
 Missiaglia, Alexandre W338
 Missirian, Victor P1043, P1149
 Misztal, Ignacy W135
 Mitchell, Rob W671, P0314
 Mitchell, Sharon E. W454
 Miura, Masahiro P0586
 Miyamoto, Amy J. P0300
 Miyata, Shin-ichi P0060
 Mizrahi, Eshchar W335
 Mizuno, Nobuyuki P0878
 Mkamilo, Geoffrey Suleiman W112, P0946
 Mo, Delin **P0188**
 Mochida, K. **P0094**
 Mochida, Keiichi P0921
 Mochizuki, Takako **P0330**
 Mockaitis, Keithanne W171
 Mockler, Todd C. **W321**, P0138
 Moeder, Wolfgang P0808
 Moen, Thomas W041, P0990, P0991, P1007
 Moephuli, Shadrack R **W167**
 Moghadam, Mohsen M W594
 Mohamad Salleh, Suraya P0187
 Mohamadi, Hamid W658, P0472
 Mohammadi, Mohsen P0132, P0145, P0832
 Mohamoud, Yasmin A. W103
 Mohan, Krishna P0572, P0791
 Mohlatlole, Ramadimetja Prescilla **W533**
 Mohr, David W. P0086
 Mohr, Knut **P0073**
 Moldenhauer, Bohdi P0917
 Molenaar, Adrian P1058
 Molina, Joe P0410
 Mollinari, Marcelo W905
 Molnar, Attila W476, P0136
 Molnar, Thomas J. P0120
 Monat, Cécile C27, P0469, P0786
 Moncada, Pilar W171
 Monden, Yuki **P0950**
 Monfort, Amparo **P0107**, **P0628**
 Monson, Melissa S. **W024**, **P1131**
 Montagnon, Christophe P0105
 Montanari, Sara **P0614**
 Montanholi, Yuri R. **W779**
 Montchamp-Moreau, Catherine **W826**
 Monteiro-Vitorello, Claudia B. P0152, P0526
 Montenegro, Juan W009, P0554
 Monteros, Maria J. **P0355**, P0694
 Montes, Christian W365, W366
 Montesclaros, Luz W396
 Monti, Andrea W496, P0932
 Montilla, Gracia W653
 Montoye, Tony P0432
 Moodley, Yoshan **W424**
 Moon, Jessica W931, P0775
 Moon, Jun-Cheol **P0221**
 Moon, Jung-Kyung W868
 Moore, A. W293, P1095
 Moore, Barry W470
 Moraga, Roger W495
 Morais Jr., Odilon P. P0783
 Morales, Jason P0709
 Morales, Nicolas C30, P0454
 Morales-Cruz, Abraham **P0528**
 Moran, Paloma P0997
 Morbitzer, Robert W264, P0037
 Moreira, Gabriel C. M. **P1118**, **P1125**
 Moreland, Chris **P0046**
 Moresco, Anneke W121
 Moretto, Marco **C03**, **P0365**
 Morgan, Alejandra P0181
 Morgan, Christopher H. W685
 Morgan, Richard D. P0975
 Morgan, William R. W807
 Morgante, Michele W489, W496, P0932
 Mori, Masashi P0930
 Mori, Miyuki P0243
 Mori, Satomi P0844
 Mori, Tetsuya P0395
 Moriconi, Franco P1086
 Morimoto, Hiroaki P0166, **P0261**
 Morishige, Daryl P0733
 Morrell, Peter L. P0130, P0305
 Morris, Craig F. P0133, P0350
 Morris, Geoffrey W510
 Morris, J. Bradly P0118
 Morris, Richard J. **W853**
 Morris, Wayne P0414
 Mortimer, Nathan T W803, P0381
 Mortimer, Nathan T. **P0389**
 Moscou, Matthew J. **W081**, **W974**

- Moser, Claudio C03, P0365
 Mosher, Rebecca A. C16, **W839**, P0258, P0443
 Mosley, Liana J. P0794
 Mosquera, Veronica W906, P0947
 Mota, Ana Zotta P0236
 Motes, Christy P0355
 Motes, Dennis P0937
 Mou, Beiquan P0937
 Moura, Ana Silvia Alves M. T. P1118, P1125
 Moura, Daniel S P0754
 Moura, Hudson P0271
 Mourad, Amira P0865, P0926
 Mousaviderazmahalleh, Seyedehmahsa **W001**, **P0418**
 Mousel, Michelle R. W548, **P1145**, P1152, P1153
 Moya, Javier P1004
 Moyle, Leonie **W502**
 Mrude, Raphael P1063
 Mu, Ting W821
 Muchadeyi, Farai C. W533, W911
 Muchero, Wellington W350, W725, W726, P0321
 Mudge, Joann W801, P0511, P0694, P0722
 Muehlbauer, Gary J. W601, P0658, P0661, P0719, P0830, P0907
 Muehlbauer, Megan **P0120**
 Mueller, Christopher P0488, **P0491**
 Mueller, Lukas C09, C24, C30, W051, W150, **W519**, **W832**, W834, W835, W837, W847, P0061, P0368, P0369, P0441, P0454, P0464, P0797, P0798
 Mueller, Thomas W784
 Mugo, Stephen P0705
 Muir, Christopher D. W502
 Muir, William W760, **W763**, **W877**
 Mujibi, Denis Fidalis **P1063**
 Mukaiyama, Kyosuke P0649
 Mukherjee, Arijit **P0158**
 Mukhopadhyay, Chandra **P0023**
 Mukhtar, Shahid **W939**, **P0391**
 Mukiibi, Robert P1105
 Mullenberg, Jessica P0405
 Muller Da Silva, Paulo Henrique P0596
 Muller, Barbara **W338**, **P0589**
 Müller, Eliane J. W304, P1087
 Mullet, John W002, P0733, P0734
 Mullins, Ewen P0229, P0301
 Mulsant, Philippe W132
 Mumey, Brendan P0511
 Mun, Jeong-Hwan **P0540**, P0603
 Mun, Seyoung P0027
 Mun, Terry W381, P0648
 Mungall, Chris **W471**
 Mungall, Christopher C22, **W929**, P0323
 Munis, M. Farooq Hussain P0685
 Muniswamy, S W435
 Munkvold, Jesse **P0709**
 Munos, Stéphane P0041
 Muñoz, María Victoria P0181
 Muñoz-Amatriain, Maria P0688, P0689, P0690
 Munoz-Torres, Monica C. W629, P0444
 Munyard, Kylie W107
 Muppirlala, Usha P0665
 Mur, Luis W741, P0980
 Muranty, Hélène P0009
 Murat, Florent P0831
 Murdoch, Brenda M. W123, W544, W548, **P0504**, P1052, P1142, P1150, P1153
 Murgia, Maria Leonarda P0676
 Muriuki, Charity **P1102**
 Murphy, Chris P1026
 Murphy, Daniel N. P1117
 Murphy, Terence D. W581, W836, P0380, P0707, P0796
 Murphy, William J. P1032
 Murray, James D. W303
 Murray, Kevin D. P0450
 Musoli, Pascal P0106
 Musungu, Bryan M. P1012
 Mutryn, Marie P1138
 Muylle, Hilde W071, W493
 Muzny, Donna M. W123, W544, P1142, P1146
 Mwanga, Robert O.M. W903, W906
 Myburg, Alexander A W112, P0946
 Myburg, Alexander A. W335
 Myers, Chad P0458
 Myers, Christopher R. **W384**
 Mysore, Kirankumar S. **W329**
 N'Diaye, Amidou P0850
 N. Kadarmideen, Haja **P0187**, P1066
 N.Meera, Shaik N.M. W571
 Na, HanJung P0782
 Nabemoto, Moe P0166
 Nachtigall, Pedro G. P0275
 Nadeau, Simon W742
 Nadeem, Dr. Asif P0110
 Nadon, Brian **P0656**
 Naegele, Rachael P0072
 Naeve, Seth W601, P0661
 Nag, Rishi P1117
 Nagai, Chifumi W893, W900, P0751, P0753
 Nagamatsu, Sheila Tiemi P1037
 Nagano, Atsushi P0500, P0908
 Nagano, Atsushi J. P0463
 Nagano, Hironori P0315, P0316
 Nagano, Soichiro P0018, **P0243**
 Nagarajan, Gurueswar W759
 Nagasaki, Hideki W907, P0018, P0330, **P0801**
 Nageswara-Rao, Madhugiri W342, **P0060**, **P0703**
 Naguib, Ahmed P0718
 Nagy, Istvan W492
 Naidoo, Sanushka P0597
 Naithani, Kusum **W931**, **P0775**
 Naithani, Sushma W482, **W490**, **P0364**, **P0602**
 Nakabayashi, Ryo **P0395**
 Nakagawa, Hiroshi P0763
 Nakamoto, Masatoshi P1018
 Nakamura, Yasukazu W147, P0327, P0330
 Nakamura, Yukino **P0336**, P0462
 Nakaya, Akihiro **P0327**
 Nakazato, Takeru **P0329**
 Nakazato, Takuya W502
 Naktang, Chaiwat W898
 Namai, Kiyoshi P0243
 Nambara, Eiji P0336
 Namiki, Nobukazu P0844
 Nanduri, Bindu W253, W772, **P0378**, **P1123**
 Nanni, Laura P0676
 Naoumkina, Marina W525
 Narum, Shawn W030, P1017, P1024
 Naruya, Saitou W104, P1177
 Narvaez, Gabriela W365
 Nascimento, Eliza P0674
 Nash, Bruce W806
 Nasuda, Shuhei P0328, P0878
 Natsume, Satoshi P0951
 Nattestad, Maria **W077**
 Naumann, Julia **W010**
 Naval Sanchez, Marina P1143
 Navarro, Jose W376
 Navarro, Julien W284
 Navarro, Lucio **W172**
 Nayak, Spurhi N. P0200
 Nazarov, Taras **P0516**
 Ndunguru, Joseph W114
 Neale, David B. W080, W352, P0467, P0592, P0614
 Nedley, Alyssa P0355
 Nefefe, Tshifhiwa **P0280**
 Neff, Erin **P0960**
 Negrini, Riccardo P1157
 Neibergs, Holly L. W134, P1073
 Nelson, Andrew DL **W635**, P0545, **P0965**
 Nelson, C. Dana W340
 Nelson, Matthew W001, P0418
 Nelson, Rex P0645, P0646
 Nery, Joseph R. W476, P0136
 Nesi, Nathalie W284
 Nettleton, Dan W143, W614, P0714, P0727, P1163
 Neuditschko, Markus W298
 Neuditschko, Markus Neuditschko W296
 Neves, Leandro G. W338, P0563, P0588
 Newcom, Doug W921
 Newcomb, Maria P0887
 Newton, Linsey W844, P0815
 Neyhart, Jeffrey L. **P0839**
 Nguyen, Binh P0954
 Nguyen, Henry T. W003
 Nguyen, Le Khanh **W817**
 Nguyen, Nhung P1121
 Nhlapo, Thulile F. **W908**
 Niane, Aziz W161
 Nichols, Krista M. W744
 Nicolas, Pierre P1120
 Nicolazzi, Ezequiel Luis P1065
 Nielsen, Brandon P0131

- Nielsen, Jens P0079
 Nielsen, Martin P1085
 Nietsche, Anne P0065
Nigro, Domenica P0217
 Nikoh, Naruo P0330
 Nikolsky, Yuri V. W079
Ning, Chao P0967
 Ning, Shunzong P0911
Ning, Yuese W812
 Ning, Zhonghua P0190
Niño, Marjoh C. P0213, P0214
 Ninomiya, Seishi W885, P0651
 Niogret, Marie-Françoise W284
 Nipkow, Mareen W027, P1016
 Nirmala, Jayaveeramuthu P0885
 Nischita, Puttaraju W598, P0635
 Nishibori, Masahide P0042, **P1158**
 Nishida, Keiji **W695**
 Nishiyama Junior, Milton Y. **W896**
 Nishiyama, Soichiro **W361**
 Nitasaka, Eiji P0328
 Nizampatnam, Narasimha R W460
 Nobile, Paula M. P0226, P0228
 Noble, Jerald D. **W341**, P0588, **P0590**
 Nogoy, Franz Marielle P0213, P0214
 Nogueira, Fabio Tebaldi Silveira **P0802**
 Nolte, Arne P0293
Nome, Torfinn P0026, P1007
 Nonaka, Keisuke W147
 Nonaka, Satoko W235
 Nonneman, Dan W137, **W914**, P1161, P1162
 Norelli, John L. W363
Noren, Karin P1027, P1028
 Norton, EM P1080, P1089, P1098
 Nose, Mine P0586, P0587
Noshita, Koji P0417
 Notredame, Cedric W633, P0065
 Nou, Illsup P0213
 Noujdina, Nina W206, P0685
 Nourbaksh-Rey, Mehrnoush W585, P0644
Novaes, Evandro W344
 Novak, Stephen P0713
Noval, Michelle P0405
 Novello, Mariana **P0097**, P0973
 Nowak, Barbara F. **W946, P0194**
 Nowak, Michael W501, W753
 Nowakowska, Urszula P0059
 Nowakowski, Piotr C11, P0361
 Ntawuruhunga, Pheneas W111
 Nti-Addae, Yaw A. C09, P0441
 Nueda, Maria Jose W149
 Nugroho, Kristianto P0818
 Nunez, Gerardo H. P0630
 Nuñez, Jonathan W172
 Núñez-Acuña, Gustavo P0075, P0993, **P1003**
 Nurkowski, Kristin W742, W981
 Nurtazin, Sabir W104, P1177
 Nuzhdin, Sergey V W206, P0685
 Nwachukwu, Emmanuel W904, P0421
 Nyaku, Seloame T. P1184
 Nzola, Nzola W111
 Nzuki, Inosters W112, P0946
 O'Connell, Jeffrey R. P0493
 O'Connor, Wayne W035, P1022
 O'Donoughue, Louise S. P0655
 O'Neil, Jane P1042
 O'Rourke, Jamie A. W601, P0661
 O'Rourke, Katherine I. W532, P1103
 O'Sullivan, Donal M. P0643
 OA, Kumar P0791
 Oard, James P0215
 Oates, Beth P0389
Obermoeller, Dawn P0788
 Obidiegwu, Jude W904, P0421
 Oboh, Bola O. P0122
 Oboh, Bolanle O P0420, P0423
 Occhialini, Alessandro W730
 Ocheya, Silvano W709, P0882
 Ochiai, Kohki P0166
 Ochoa Cruz, Edgar Andres W954
 Odell, Sarah C17, **P0349**
 Odeny, Damaris Achieng **W512, P0755**
 Odong, Thomas W753
 Oelofse, Dean P0241
 Ogbonnaya, Francis W161
 Ogereau, David W826
 Ogundipe, Oluwatoyin P0122
 Ogunkanmi, Liasu Adebayo **P0122, P0423**
Ogutcen, Ezgi W210
Oh, Dong-Ha P0537
Oh, Sang Heon P0542
Oh, Sewon P0010, P0609, P0616, P0617
Oh, Steve D. P0513
Oh, Sumin P0027
Oh, Yong-Taek P0777
Oh, Youngjae P0609, P0616, P0617
 Ohashi, Takashi P0243
 Ohashi, Urara P0649
 Ohira, Mineko P0586, P0587
 Ohnishi, Norikazu P0741
 Ohta, Tazro P0329, P0330
Ohyanagi, Hajime W793, P0139, P0363, P0462, P0463
Oiestad, Alanna J P0147, P0290
Ojha, Sohita P1121
 Okada, Yoshihiro W907
 Okazaki, Kazuyuki W885
 Okolie, Victoria O P0423
 Okpuzor, Joy E P0423
 Oksenberg, Adi W215
 Oku, Koichiro P0243
Okubara, Patricia P0411
 Okumura, Naohiko P1172
 Oleksiak, Marjorie F. **W743**
 Olivares, Daniela E. **P0181**
 Oliveira Junior, Gerson A. **P1068**
 Oliveira, Arthur C. P0275
Oliveira, Ryan D. P1152
 Oliver, John **P0051**
 Olivera, Pablo D. P0888
 Olivier, Darracq P0106
Ollhoff, Alexandra P0924
 Ollitrault, Patrick W146
 Olmstead, James W. P0630
Olsen, Kenneth W986
 Olsen, Michael S. P0705
 Olson, Andrew W399, W820, P0005
 Olson, Eric P0826, P0829
 Olson, Mischa **W684**
 Olukolu, Bode W340, W903, **W905**
Olusegun, Oyebola P1183
 Omidvar, Vahid **W654**
Onda, Yoshihiko P0921
 Ong, Cheng Soon P0450
 Ongom, Patrick O P0385, P0691
 Onishi, Ryouki P0042
Ono, Hiromasa C18, P0338
Onogi, Akio W147, P0651
 Onoue, Noriyuki W361
 Onyeka, Joseph W509
 Onzima, Robert P1105
 Oortwijn, Marian P0235
 Opanowicz, Magda W081
 Oppermann, Markus W967, P0326, P0902
 Oppert, Brenda P0269
 Orabi, Jihad W707, P0643, P0858
 Orasen, Gabriele P0778
Orchard, Sandra W415
 Ordon, Frank P0866
 Orendovici-Best, Teodora P0593
 Orf, James H. P0661
 Orjuela-Bouniol, Julie C27, P0469
 Ormanbekova, Danara W496, W785, P0932
Orosco, Jordan P1180
 Orsel, Mathilde W284
 Ortega-Rodriguez, Sealtil W342
 Ortiz, Juan Pablo W187
 Osaka, Masaaki P0166
Osbourne, Anne W651
 Oselebe, Happiness W904, P0421
 Osman, Sayed Abdel-Maksoud P1158
 Osorio, Luis P0627
 Osorno, Juan P0682
 Osti, Bipush P0139, P0140
 Ostrander, Elaine A. W122, P1029
 Otoi, Takeshige P1171, P1172
 Otoo, Emmanuel W904, P0421
Ott, Alina P0719
Ottiger, Marcel P0393
 Ouellette, Lisa P0486
 Ounit, Rachid P0688
 Oury, Francois-Xavier C12
 Ousseini, Issaka W451
 Ouyang, Yidan W821
Ovalle, Tatiana P0100
 Ovenden, Ben **P0863**
 Owens, Casey M. P0430
Owens, Connor E. P1062
 Oyedeffi, Olufemi A P0423
 Oz, Tufan Mehmet W699
 Ozaki, Akiyuki P1018
Ozias-Akins, Peggy W183, W184, W225, W513, P0077, P0673
Ozkan, Hakan P0838
 O'Malley, Ronan P0222

- P. patens Genome Consortium, The W638
- P. VanTassell, Curtis W124, W127, W534, P0480
- Paajanen, Pirita P0811
- Paape, Timothy **P0168**
- Pabuayon, Isaiah P0139, P0140, **P0141**, P0571, P0780
- Pacheco Cruz, Igor Alejandro **P0621**
- Pacholewska, Alicja W633, **P0065**
- Paczos-Grzeda, Edyta P0915
- Padhi, Abinash P1049
- Padilha, Joseane W339
- Padilla, Beatriz W821
- Padilla, Beatriz Elena W171
- Padilla, Carmen S. **P0410**
- Padmanaban, Arunkumar P0202
- Palasca, Oana W633, P0065
- Palenik, Brian P0199
- Palis, Kevin C09, P0441
- Palkopoulou, Eleftheria **W746**
- Palkovic, Antonia W163
- Palmer, Jeffrey W010
- Palmer, Nathan A. P0224, **P0227**, P0314
- Palmer, William J. **P0958**
- Palovská, Markéta P0183, **P0306**
- Palsbøll, Per J. W458
- Palti, Yniv W033, **W040**, P1007, P1009, P1010, **P1011**
- Pan, Ailuan P1130
- Pan, Junqian **P0109**
- Pan, Qianli P0036
- Pan, Yong-Bao **P0134**
- Pan, Youlian P0868
- Pan, Yupeng W236
- Pan, Yuxin **P0413**
- Panaud, Olivier P0088
- Panchy, Nicholas P0206
- Pandelova, Iovanna P0268
- Pandey, Manish K P0077, P0200, P0673
- Pandey, Sudhakar W236
- Pandya, Ravi W896
- Panella, Francesco P1106
- Paneru, Bam D **P1006**
- Panetto, João C. C. P1054
- Papa, Roberto **P0675**, P0676
- Paparelli, Eleonora W489
- Pappas, Georgios W339
- Pappas, Marilia W339
- Paradiso, Annalisa P0217
- Paraiso, Francine C29
- Parco, Arnold P0119, P0750
- Pardo, Jeremy D. W594
- Parikh, Shruti W874
- Park, Jongsun **P0012**, **P0016**, **P0379**
- Park, Ki-Eun P1049
- Park, Seul-Ki P0185
- Park, Seunghye P0803
- Park, So-Yeon P0770
- Park, Soo-Kwon W868
- Park, Soon Ju P0176, **P0803**
- Park, Yong-Jin P0785
- Park, Yun Ji P0150
- Parkes, Elizabeth Yaa W111
- Parkin, Isobel W009, W090, P0554
- Parmentier, Joris P0050, P0073
- Parra, Lorena **P0935**
- Parrinello, Hugues P0025
- Parrish, Christopher C. P0291, P0995, P1000
- Parrott, Wayne A. P0305
- Parry, Martin A.J. W730
- Parsons, C. L. M. P1062
- Parsons, James E. W033, P1009, P1011
- Parveen, Alia **W769**, P0116, **P1126**
- Pasam, Raj K **W557**
- Pascucci, Luisa P1086
- Pasha, Asher **W049**, **P0343**
- Pasha, Kamaal W103
- Pasquariello, Marianna W786
- Pasquinelli, Amy **W840**
- Passamonti, Fabrizio P1086
- Passianotto, André Luiz de Lima **P0668**
- Patel, Jinesh D. **P0576**
- Patel, Rohan V. P0343
- Paterson, Andrew H. W090, P0551, P0576, P0578, P0758, P0928, P0963
- Pathak, Sunita **P0157**
- Patil, Gunvant **W229**
- Patil, Mohini **W118**
- Patil, Rocky D. **P1154**
- Patil, Sanjay P0750
- Patterson Rosa, Laura **P1092**
- Patterson, Eric Lloyd **W984**, P0208, P0404
- Paudel, Lekha N. P0949
- Paul, Robin W352
- Pauley, Mark A. W807
- Paulitz, Timothy P0411
- Pauls, K. Peter **W590**
- Pautler, Michael P0808, P0820
- Paux, Etienne W582, **W583**, W964, P0827
- Pavez, Leonardo Ignacio **P0173**
- Pawlowski, Wojtek W684, W801, P0722
- Payá Milans, Miriam **P0630**
- Paya, Miriam P0107
- Payne, Bill **W157**
- Paytuví Gallart, Andreu P0451, P0490
- Paytuví, Andreu **P0453**
- Payyavula, Raja P0321
- Pè, Mario Enrico P0676
- Peace, Cameron C19, W359, W418, **W421**
- Pearse, Devon E. P1007
- Pecchioni, Nicola W786, P0889
- Pedersen, Hanne S P0187
- Pederson, Gary A. W454, P0118
- Pedreschi, Romina P0240
- Peixoto Junior, Rafael Favero P0225, P0226, P0228
- Peleg, Zvi **W215**
- Pellegrini, Matteo W351
- Pelletier, Dale W725
- Pellicer, Jaume W641
- Peluso, Paul W820, P0005, P1113
- Pelz-Stelinski, Kristen W056
- Pendarvis, Ken W772
- Penedo, M. Cecilia W295, W296, W303
- Peng, Gary P0550
- Penman, David J. P1019
- Penmetsa, R. Varma W206, W435, P0685
- Penning, Bryan W **P0859**
- Pepe, Marco P1086
- Percy, Richard G. P0357
- Perdereau, Aude **P0008**
- Pereira da Costa, Javier H. **P0804**
- Pereira, Andy W931, P0142, P0775, P0779
- Pereira, Guilherme da Silva W897, P0752
- Pereira, Helton S. P0415
- Pereira, Wendell W339
- Perelman, Polina W107
- Pérez de León, Adalberto A. P0112
- Perez, Juan Guillermo W185
- Perez-Riverol, Yasset W415
- Pérez-Román, Estela W146
- Perinek, Oksana Yu. P0115
- Perito Amorim, Edson P0015
- Perkin, Lindsey **P0269**
- Perlee, Sarah P1038
- Perochon, Alexandre **P0219**
- Perrier, Jean Philippe W016, P0279, P1050, P1059
- Perry, Aviad W215
- Persia, Michael E. W024, P1131
- Pertea, Mihaela **W194**, W352
- Perumal, Sampath P0953
- Pessino, Silvina C W187
- Petel, Adrien C10, P0442
- Peters, Amanda R. **P0899**
- Peters, Leila P. P0152
- Peters, Sander A. W846, P0813
- Petersen, Bent P0028
- Petersen, Jessica L. W304, P0111, P1087, P1100
- Petersen, Karen Koefoed P0315, P0316
- Petersen, Michael W. **P0300**
- Peterson, Devin P0405
- Petkowski, Joanna W557
- Petrini, Stefano P1086
- Petrova, Anna V. P0425
- Petryszak, Robert W490, P0364, P0602
- Pettinga, Dean J. W984, **P0208**
- Peuša, Hilma P0896
- Pfaff, Christian P0270
- Pham, Gina W844
- Pham, Kasey P0591
- Pham, Nhan T. P0761
- Phan, Lon **C07**, **W613**, **P0135**
- Phan, Ngan Thi P0799
- Philippe, Florian C12
- Phillippy, Adam W124, P1161
- Phillippy, Adam M W075, W137
- Phillips, Andy L C29, W964
- Phillips, Cassie P0401
- Phillips, Jeremy L. **P0342**, P0980
- Pi, Jinsong P1130
- Piaskowski, Julia P0369
- Picardi, Liliana A. P0804

- Pichot, Christian C02
 Pieragostini, Elisa P1106
 Piercy, R.J. W293, P1095
 Pietzenuk, Bjoern **W876**
 Pikaard, Craig **W287**, **W838**
 Pike, Brett R W189
 Pilati, Stefania C03, P0365
 Pilia, R P0419
 Pilkington, Sarah W358
 Pilla, Fabio P1065, P1106
 Pillardy, Jaroslaw W801, P0722
 Pinchuk, Lesya W034, P1013
 Pineda, Hugo P0632
 Pingault, Lise W585, P0644
 Pinhal, Danillo **P0275**
 Pinheiro, José Baldin **P0654**, P0973
 Pink, David A.C. W192
 Pinnow, David P0118
 Pinto, Cládia Eduarda P0271
 Pinto, Francisco **W715**
 Pirani, Ali **P1043**, P1149
 Pires, J. Chris W090, **W271**, P0131, P0459
 Pires, José P1059
 Pisano, AB P0419
 Pitts-Singer, Theresa P0196
 Piumi, François P1059
 Pizzi, Flavia P1051
 PK, Sajesh P0531
 Place, Sara W133
 Plaimas, Kitiporn P0218
 Plasman, Kim **P0432**
 Plassais, Jocelyn **P1029**
 Plastow, Graham S W915, P0276, P1170
 Platt, Roy N **W312**
 Platts, Adrian P0343
 Pleasance, Stephen W658, P0472
 Plekhanova, Elena W206, P0685
 Plemyashov, Kirill V. P0115, P0425
 Pleshakov, Nikolai V. P0115
 Plomion, Christophe C02
 Plot, Christopher W673
 Plysnina, Alexandra P1069
 Pocrnic, Ivan W135
 Podio, Maricel W184, W225
 Podoni, Daniele P0423
 Poelchau, Monica P0331
 Poets, Ana M. **P0903**
 Poindexter, Marjo W203
 Poland, Jesse W223, **W514**, W673, P0002, P0466, P0830, P0870, P0876, P0888, P0919
 Polanski, Krzysztof W192
 Polashock, James P0629
 Poleatewich, Anissa P0808
 Polevikov, Antonina P0293
 Poley, Jordan P0273
 Polley, Brittany P0835
 Pommier, Cyril C12, W569
 Pompanon, Francois **W550**
 Poncet, Valerie P0106, P0367
 Ponniah, Sathish Kumar P0949
 Ponsuksili, Siriluck P0274
 Pont, Caroline P0831
 Pontif, Michael W675
 Pootakham, Wirulda W898
 Pop, Mihai W075
 Porch, Timothy P0683
 Portela, Antonia P1051
 Porter-Blackwell, Rae P0288
 Portis, Ezio P0419
 Portwood, John **P0347**, P0348
 Posada, Huver W171
 Postman, Joseph P0614
 Potier, Bernard W889
 Potts, Brad M. W822, P0598
 Potts, David P0405
 Pount, Bruno P1059
 Pourkheirandish, Mohammad P0911
 Pourmand, Nader W458
 Poursarebani, Naser P0871
 Powell, Daniel **W035**, **P1022**
 Powell, Jeremy G W022, P1044
 Powell, Wayne W494
 Powers, Carol P0857
 Pozniak, Curtis W462
 Pozniak, Curtis J P0144, P0822, P0835, P0840, P0850
 Prade, Verena M. **P0906**
 Prado, Emilce P0604
 Prakapenka, Dzianis **P0497**, P0498
 Prakash, Jai W598, P0635
 Prasad, Manoj **W156**
 Prats, Elena **W653**
 Praud, Sébastien **W596**, W785
 Preece, John E. P0958
 Preece, Justin C22, W482, W490, P0323, P0364, P0602
 Pressoir, Gael **W510**
 Presting, Gernot **W678**, W820, P0005
 Preston, Christopher P0267
 Pretorius, Alri P0280
 Prewitt, Sarah F. W523, P0257
 Prézelin, Audrey P1059
 Price, John Hill **P0795**
 Priest, Henry P0138
 Prieto Barja, Pablo W633, P0065
 Prieto, Humberto W365, **W366**
 Primmer, Craig **W281**
 Prinsen, Raphaelle T.M.M. P1057
 Pritsch, Clara P0634
 Provart, Nicholas P0343
 Prowse-Wilkins, Claire W369
 Prud'homme, Benjamin W826
 Pruitt, Kim P0380
 Pruitt, Kim D. **W125**, W581, **W608**, W836, P0707, P0796
 PS, Beena P0068, P0531
 PS, Sudha P0791
 Psifidi, Androniki **P1155**
 Puiu, Daniela **W351**, W352
 Pujar, Shashikant **W610**, **P0380**
 Pummill, Jeff P0976
 Pumphrey, Michael P0002, P0876, P0886
 Punna, Ramu W111, **W113**, **P0944**
 Pupilli, Fulvio W187
 Puppala, Naveen P0076
 Purcell, Catherine P0984, P1025
 Purcell, Larry C. P0155
 Purohit, Priyank K. P0343
 Purugganan, Michael D. **W667**
 Putnam, Nicholas W137
 Puttick, Mark W641
 Qi, Furong P1140
 Qi, Weihong P0945
 Qian, Lunwen W704
 Qiao, Xin P0242
 Qiao, Yinglun Colin C13, P0324
 Qiao, Zhenzhen **W585**, **P0644**
 Qin, Jingjing P0266
 Qin, Jun W434, P0937
 Qin, Xiang W123, W544, P1142, P1146
 Qin, Xiaodong P0296
 Qin, Zuodong **P0231**
 Qiu, Jiansheng P0091, P0111
 Qu, Lujiang P1122, P1130
 Quain, Marian Dorcas W903
 Queijo, Marcelo P0709
 Quero-Garcia, Jose P0011
 Quesneville, Hadi C02, C12, **W205**, W569, W582, **W951**, P0009
 Quezada Macchiavello, Marianella Fernanda **P0634**
 Quijada, Darla M **P1038**
 Quilichini, Teagen P0870
 Quilloy, Reynaldo B. P0807
 Quiniou, Sylvie M.A. **W038**, **P1012**
 Quintero, Constanza W185
 Quiroz, Daniela W366
 Quon, Gerald **W647**
 Qureshi, Asif M. Iqbal **P0681**
 Qureshi, Naeela **W555**
 Raats, Dina P0891
 Rabbi, Ismail **W111**, W113, W509, P0944
 Raboy, Victor **P0148**
 Radich, Jerald W396
 Rae, Anne L. W825
 Raftos, David W035, P1022
 Ragheb, Bahy P0926
 Ragot, Michel **W517**
 Ragupathy, Raja W327
 Rai, Anil W598, P0635
 Rai, Krishan Mohan P0256
 Rai, Vandna W598, P0635, P0692, P0693, P0768
 Rainville, Lisa K. P0758
 Raja, Vishnu **P0530**
 Rajabu, Cyprian **W114**
 Rajamohan, Arun P0196
 Rajan, Shailendra W598, P0635
 Rajcan, Istvan P0653, P0655, P0668
 Raje, Ranjeet S P0692, P0693
 Rakotomalala, Joel P0778
 Ralph, Peter P0963
 Ramakrishnan, Sai Mukund **P0901**
 Ramakrishnan, Srividya P0310
 Ramaraj, Thiruvarangan W790, W791, **P0014**, P0511, P0694, P0941
 Rambani, Aditi **P0666**
 Rambla, José L P0628

- Rameneni, Jana Jeevan P0542
 Ramirez Alanis, Carolina W304, P1087
 Ramirez-Gonzalez, Ricardo H. C29
 Ramon, Marina L. P0019
 Ramos, Santiago L.F. P0121, P0126
 Rampazo Amadeu, Rodrigo P0634
 Ramsak, Ziva P0175
 Ramsay, Larissa W210
 Ramsay, Luke P0299
 Randall, Jennifer J. P0247
 Randhawa, Harpinder **P0872**
 Rangan, Parimalan W158, **P0220**
 Ranjan, Priya **W724**, W726, P0310
 Rank, David W820, P0005
 Ranketse, Mary **W911**
 Ransom, Elspeth W192
 Rao, James P1063
 Rao, Xiaolan W728
 Ras, Tom P1039
 Rashid, Khalid **W328**
 Rashid, M. Harun-or P0518
 Rasooli zadeh, Aliyeh **P0159**
 Rath, Mary M. P0401
 Rathore, Abhishek W435, **W518**
 Rathore, Dheeraj Singh **W926**, **P0301**
 Rattina, Vimel P0106
 Rattner, Rachel J. **P0162**
 Rau, Andrea W016, P0279, P1050
 Rau, Domenico P0676
 Raudsepp, Terje W107, W108, W304,
 P1032, **P1085**, P1087, P1173
 Rausher, Mark P0961
 Rauwane, Molemi **P0177**
 Ravagnani, Dr. Adriana P0701
 Ravel, Sebastien C27, P0469
 Ravet, Karl W984
 Ravi, Samathmika **P0063**, **P1035**
 Ravishankar, K. V. W598, P0635
 Ravnskov, Sabine P0643
 Rawat, Nidhi P0605, P0606, P0870
 Ray, Caitlin W913
 Ray, Jeffery D. P0155
 Ray, Jeremy N. W387
 Ray, Tui P0819
 Raymer, Paul P0758
 Raza, Syed C09, P0441
 Razafinimpiasa, Lisy P0778
 Rebetzke, Greg P0863
 Rebl, Alexander W027, P1016
 Rech, Niccole W585, P0644
 Reddy, Tim W630
 Reecy, James M. **W045**, **W129**, **W310**,
 W371, **W916**, P0373, **P0376**, P1074,
 P1118, P1125, P1169
 Reed, Kent M. **W765**, W766, P1134
 Rees, Jasper W692, P0009
 RefSeq Group, The P0380
 Regulski, Michael W399, W820, P0005
 Reich, Coralie W369
 Reid, Rob **P0486**
 Reilley, John W671
 Reimegård, Johan W376, P0053
 Reinders, Marcel J.T. W775
 Reinhart, Katherine P0886
 Reinhold, Klaus P0427
 Rekaya, Romdhane W758
 Remay, Arnaud **P0613**
 Ren, Jie P0718
 Ren, Longhui W626
 Ren, Shuangfeng P0825
 Ren, Tong P1140
 Ren, Yi W232, **W233**
 Reputo, AM P0419
 Resende, Lucileide V. W354
 Resende, Marcio W341, P0563, P0588
 Reski, Ralf W639
 Ressaissi, Yosra **P0377**
 Rexroad, III, Caird E. W033, P1009
 Rey Mazón, Elena W967, P0902
 Rey, Elodie **W965**, P0843
 Reyes Chin-Wo, S. P0251
 Reyes Chin-Wo, Sebastian P0533
 Reyes, Carolina Astudillo P0681
 Reyes, Daniela P1004
 Reyes, Jose Fernan P0971
 Reyes-Chin-Wo, Sebastian P0936
 Reynolds, Matthew W222
 Reynolds, Michael L. W525
 Rezzonico, Fabio P0174
 Rhoades, Nick P0389
 Rhoads, Douglas D. W769, P0116,
 P0426, P0976, P1121, P1126, P1137
 Rhodes, Justin S. P0286
 Rhone, Bénédicte W451, W909
 Riaz, Adnan **W450**, **W616**
 Riaz, Kashif P0209
 Riaz, Sadaf Kashif **P0209**
 Ribaut, Jean-Marcel **W515**
 Rice, Alex G. W961, P0351, P0356,
 P0645
 Richards, Chris W133
 Richards, Jonathan P0287
 Richards, Stephen W123, W544, P1142,
 P1146
 Richardson, David P0371
 Richardson, Mark F. **W107**, **P1181**
 Richter, Alexander P0489
 Richter, Lubna V. W266
 Ridpath, Julia F. W636, P1074, P1075
 Riedl, Ken M. P0234
 Riely, Brendan K. **P0518**, P0687
 Rieseberg, Loren H. **W159**, W191,
 W742, W981, P0792, P0793, P0977
 Riethoven, Jean-Jack W919
 Rife, Trevor W. **P0466**
 Rigoreau, Michel P0106, P0367
 Rijnkels, Monique P1058
 Rijzaani, Habib P0818
 Riley, Robert **W392**, **P0535**
 Rimbault, Maud P1029
 Rincão*, Michelle P. P0437
 Rinehart, Joseph P0195, P0196
 Rinehart, Timothy A. P0630
 Riordan, Dan W396
 Rise, Matthew L. P0291, P0995, P1000
 Rispaïl, Nicolas W653
 Rissland, Olivia **W842**
 Rivals, Eric W098
- Rivera, Sebastián A. P0181
 Rivera-Jiménez, Hernando P0596
 Rizza, Fulvia W786
 Rizzi, Vanessa P0654
 Robbins, Charles T. P0504
 Robbins, Jooke W458
 Robbins, Kelly **C09**, **W140**, **P0441**
 Roberts, Dennis W203
 Roberts, Philip A. **W162**, P0689
 Roberts, Steven P0993
 Robinson, Stephen J. **W088**, W327
 Robles, Ronald P0948
 Robson, Paul R. H. P0317
 Roca, Alfred L. **W426**
 Rocca-Serra, Philippe C23
 Roccabianca, Paola W296
 Rocha, Dominique P1065
 Rochat, Estelle W021
 Rocher, Solen **P0956**
 Rochfort, Simone W557
 Rock, Chris P0263
 Rodde, Nathalie W897, P0041, P0752,
 P0831
 Rodenbusch, Stacia E. **W237**, **P0382**
 Röder, Marion S. P0849
 Rodrigues, Doriane Picanço P0121,
 P0126
 Rodrigues, Marcela Iara **P0600**
 Rodriguez Lopez, Carlos M **W389**, **W486**
 Rodriguez Zas, Sandra L. P0286
 Rodriguez, Anna M. **P1052**
 Rodriguez, Gustavo R. P0804
 Rodriguez, Juan C. P0833
 Rodriguez, M. Fernanda P0305
 Rodriguez, Monica P0676
 Rodríguez-Gil, Joan E. W912
 Roessler, Jeffrey W601, P0658, P0661
 Roessler, Kyria A. **W082**
 Rogel-Gaillard, Claire **W645**
 Rogers, Jane W582, P0006
 Rogers, Jeffrey W123, W544, P1142,
 P1146
 Rogers, John P0350
 Rogier, Odile C02
 Rognli, Odd Arne P0918
 Rognon, Xavier P1120
 Rohrer, Gary A. W137, W914, P1161
 Rojas-Pierce, Marcela W789
 Rokas, Antonis P0203
 Rokhsar, Daniel S. W073, W112, W146,
 W723, P0334, P0342, P0455, P0457,
 P0946, P0980
 Roldan-Ruiz, Isabel **W071**, W331, W400,
 W493
 Rolf, Megan M. **W133**
 Rolin, Dominique P0959
 Rolshausen, Philippe P0528
 Roman-Ponce, Sergio I. **P1046**
 Romanov, Michael N. **P0115**
 Rombauts, Stephane W834, W847,
 P0339, P0797, **P1111**
 Romero, Paulo Izquierdo P0681
 Ronald, Pamela W728, P0761
 Ronen, Dr. Gil **W559**

- Roorkiwal, Manish **W224**
 Roose, Mikeal L. W146, P0038, P0108, P0162, P0606
 Roozeboom, Kraig L. W454
 Ropelewski, Alexander P0043
 Roques, Danièle W064
 Rosa-Santos, Thiago Mateus P0151
 Rosdianti, Ida P0818
 Rosen, Benjamin D. W020, W124, W137, **W138**, P1040, P1161
 Rosenthal, Jacob P0131
 Rosenwald, Anne W807
 Rosenwald, Anne G. **W804**
 Ross, Pablo J. W303, **W367**, W631, P0274, P1053, P1115
 Ross-Ibarra, Jeffrey W820, W955, P0005
 Rossel, Genoveva P0948
 Rossini, Bruno P0596
 Rossini, Laura P0620, P0910
 Rossoni, Attilio P1057
 Rothan, Christophe P0801
 Rothkegel, Karin W365
 Rothschild, Max F. W024, W121, W915, P1101, P1131, P1170
 Rottmann, Will W349
 Rouard, Mathieu W064, **W068**
 Roulund, Niels W334
 Rounslay, Steve W112, P0004, P0946
 Rouquette, Monte W671
 Rouse, Matthew N W380, P0885
 Rouse, Matthew N. W388, W703, P0515, P0517, P0886, P0887, P0888
 Rouston, Jacques W785
 Roux, Nicolas **W067**, **P0636**
 Rouzé, Pierre P1111
 Rowe, Suzanne **W531**, **W552**, **W948**, P0128
 Rowland, Jr., Terrence W421
 Rowland, Raymond R. R. P1169
 Roy, Sonali P0697, **P0698**, P0700
 Royer, Frédéric P0471
 Rozwadowski, Kevin P0821
 Rozzetto, Diane Simon P0654
 Ru, Sushan C19, W359, W418
 Ruan, Yuefeng P0835, P0850, **P0884**, P0895
 Rubiales, Diego W653
 Rubin, Joseph E **W500**
 Rubio, Julia W366
 Rubio-Cabetas, M.J. P0251
 Rudd, Jackie C W709, P0882
 Ruff, Tom **W318**
 Ruff, Travis **P0054**
 Ruggieri, Valentino P0451
 Ruiter, Rene **W697**
 Ruiz, Felipe de Jesús P1046, **P1047**, P1048, P1055, P1127, P1128
 Ruiz, Manuel C01, **C10**, W115, P0322, **P0442**
 Ruiz-Herrera, Aurora P0453
 Rund, Laurie W137
 Rupp, Oliver P0174
 Ruskey, Jay W176
 Russello, Michael **W751**
 Rustenholz, Camille P0604
 Rutherford, Kim W028, P1023
 Rutherford, Mark P1099
 Rutllant, Josep P0288
 Rutter, William W388, W703, P0149, P0515
 Ruttink, Tom W331, W400, W493, **W661**
 Ryu, Junghyun W913
 Ryvkin, Paul W396
 S. V., Amitha Mithra W598, P0635
 Saber, Noha O. P0939
 Sabitov, Andrey P0315, P0316
 Sablok, Gaurav W352, P0963
 Sabot, François C27, P0469, P0786
 Sabran, Muhamad P0818
 Saccomanno, Antonietta P0889
 Sacks, Erik J. P0315, P0316
 Sadeghi, Raheleh **P1081**
 Sadier, Alexa W455
 Saelao, Perot P1115, P1132
 Safra, Noa P1026
 Sager, Lauren P0912
 Sagi, Mandeep **W211**, **P0686**
 Saha, Malay C. P0087, P0095, P0313, P0757
 Saha, Surya C24, **W051**, **W150**, **W833**, W834, W835, W847, P0368, P0369, P0797, **P0798**
 Sahan, Yasemin P0124
 Sahu, Binod Bihari **P0153**
 Sai, Na W486
 Said, Mahmoud **P0297**
 Saied, Clare C14
 Saintenac, Cyrille **W975**
 Saisho, D. P0094
 Saito, Kazuki P0395
 Saito, Misa P0336, P0363, P0462
 Sakakibara, Hitoshi W501
 Sakamoto, Takashi P1018
 Sakamoto, Wataru P0741, P0743
 Sakata, Akane P0161
 Sakazono, Satomi P0166
 Sakuma, Shun P0908, P0911
 Sakurai, T. P0094
 Salamov, Asaf W392, P0535
 Salas Fernandez, Maria G. W859, P0740
 Salcedo, Andres W388, W703, P0149, **P0515**, **P0517**
 Salem, Mohamed P1006, P1008, P1010
 Sallam, Ahmed **P0865**, **P0926**
 Salmen, Fredrik W376
 Salojärvi, Jarkko T **W346**, **P0594**
 Saloma, Cynthia **P0017**, P0971
 Salome Correa, Jose A. P1180
 Salse, Jerome P0831
 Salum, Kasele W112, P0946
 Salvi, Silvio **W461**, **W496**, W785, **P0716**, **P0932**
 Salzberg, Steven L. W351, W352
 Sampson, Juliana P0135
 Samsonova, Maria W206, P0685
 Samy, Jeevan Karloss Antony P0918
 Sanabria, Yamid P0215
 Sanad, Marwa N.M.E. **P0146**
 Sanchez Perez, Gabino F. W835, W846, W847, P0798, P0813
 Sanchez, Armand W912
 Sanchez, Daniela P0112
 Sanchez, Evelyn W365, W366
 Sanchez, Marie-Pierre P1036
 Sanchez, Paul L P0769
 Sanchez, Robersy W226
 Sanchez-Martin, Javier W653, W784
 Sanchez-Moran, Eugenio W688, **W798**
 Sanciangco, Millicent D. C25, P0346
 Sandal, Niels W381, P0648
 Sandefur, Paul W421
 Sanderson, Brian **W719**
 Sanderson, Lacey-Anne W956, **W958**
 Sanderson, Michael P0927
 Sandhya, B.S. W598, P0635
 Sandmeyer, Lynne P1099
 Sandoval Mojica, Andres F. W056
 Sandoya Miranda, German P0936
 Sandve, Simen P0026
 Sangsrakru, Duangjai W898
 Sangwilai, Patompong W439
 Sanhueza, Nataly P0985
 Sano, Yuki P0743
 Sanseverino, Walter **P0451**, P0453, **P0490**
 Sansone, Susanna A. C23
 Santi, Nina W041
 Santiago, Adelita C. P0754
 Santo, Debora **P0676**
 Santos, Bruno A **P0350**
 Santos, Daniel J. A. P0277, P1068
 Santos, Jansen R. P. P0015
 Santos, Mateus Figueiredo P0759
 Sarah, Gautier C10, C27, P0442, P0469
 Saranga, Yehoshua P0866
 Sarath, Gautam P0224, P0227, P0314
 Sardos, Julie W064
 Sargent, Dan P0624
 Sargolzaei, Mehdi P0496
 Sari, Ehsan P0895
 Sarti, Francesca Maria P1106
 Saruta, Masayasu P0652
 Sasaki, Harumi P0844
 Sasaki, Christopher A. W984, P0011
 Sass, Chodon P0979
 Sato, Akihiko W361
 Sato, Kazuhiro P0309, P0328, P0878
 Sato, Muneyo P0161
 Sato, Shingo P0930
 Sato, Yutaka P0328
 Satoh, Nori P0083
 Satpute, Aditi D P0302
 Sattler, Scott P0224, P0318
 Satyawan, Dani P0818
 Saunders, Gary **W414**, P1143
 Sauther, Michelle W121
 Saville, Barry J. W393, P0879, P0881
 Sawada, Yuji **P0161**
 Saxena, Rachit Kumar **W433**, **W435**
 Sazuka, Takashi **W857**, P0463, P0500
 Scaglione, Davide W104, **W489**, W496, P0932

- Scalabrin, Simone W496, P0932
 Scanlon, Michael W314, P0719
 Scapolo, Pier Augusto P1151
 Scarcelli, Nora W909, P0101, P0786
 Schackwitz, Wendy P0761
 Schade, Grit P0393
 Schadt, Chris W725
 Schaefer, RJ **W305**, P0285, **P0458**,
 P1076, **P1080**
 Schaeffer, Mary P0347, P0348
 Schaffer, Robert **W358**, W360
 Schafleitner, Roland P0807
 Schagat, Trista P0067
 Schaker, Patricia D.C. **P0152**
 Schapaugh, William P0664
 Schartl, Manfred P0025
 Schattat, Martin P0487
 Schatz, Michael W077, W246, W896,
 P0176, P0310
 Schatz, Michael C. W012, W176
 Schwaroch, Valerie P0272
 Scheets, Kay P0514
 Scheffler, Brian P0134
 Scheible, Wolf R. P0697, P0698, P0700
 Schemerhorn, Brandon **W701**
 Schenkel, Flavio P0496, P1056
 Schenkel, Werner **W622**
 Schibler, Laurent W016, P0279, P1050
 Schiffman, Joshua D. W458
 Schijlen, Elio W846, P0009, P0813,
 P0939
 Schlatter, Dan P0411
 Schlauch, Karen A. P0182
 Schlautman, Brandon P0629
 Schloegelhofer, Peter W797
 Schlueter, Jessica P0914
 Schmidt, Carl J. W024, **W025**, **W754**,
 P0191, P0201, P0333, P1121,
 P1131, P1133
 Schmidt, Jennifer A. W266
 Schmitz, Robert **W586**
 Schmoeckel, Sandra M P0939
 Schmutz, Jeremy **W073**, W671, W673,
 W723, W725, W726, W728, W729,
 W741, W822, W889, P0222, P0313,
 P0457, P0598, P0728, P0733,
 P0734, P0761, P0919, P0980
 Schmutzler, Thomas P0326
 Schnabel, Robert D. W134, P1037,
 P1073
 Schnable, James C P0138, P0719
 Schnable, Patrick S. W143, W454,
 W591, **W859**, P0714, P0719, P0725,
 P0727
 Schnall-Levin, Michael W011, W076,
 W396, P0074
 Schneider, Blair Kathleen **P0191**
 Schneider, David A. W532, P1103
 Schneider, Harald **W641**
 Schneider, Kevin W678, W820, P0005
 Schneider, Valerie A. W581
 Schnider, Debora Ann W298
 Schnurbusch, Thorsten **P0849**, **P0871**,
 P0908, P0909
 Schoenebeck, Jeffrey J. P1029
 Scholz, Uwe C15, **W144**, W967, **P0326**,
 P0902
 Schönhofen, André **W407**, **P0403**
 Schoof, Heiko **W078**, **P0143**, P0270
 Schook, Lawrence B. W137
 Schott, David P0347
 Schranz, M. Eric W846, P0813
 Schreier, Spencer J W460, **P0156**
 Schroeder, Steven G. W137, W138,
 P1161
 Schroyen, Martine P1163
 Schubert, Frank P0049, P0052, P0055,
 P0432
 Schulman, Alan H. **W207**, W966, **P0643**,
 P0891
 Schultheiss, Sebastian J. W138
 Schultz, NE P1089, P1098
 Schumann, Abby W272
 Schurdi-Levraud, Valerie **P0959**
 Schurr, Ulrich **W713**, P0270
 Schuster, Stephan C. P0593
 Schutte, Brian W762
 Schwartz, Steven J. P0234
 Schwarzacher, Trude **W066**, W218
 Schwinn, Kathy W353, W360
 Schwizer, Simon W497
 Schwope, Rachel W489
 Scippaccercola, Fabio P0490
 Sclaunich, Eric P0959
 Scorza, Ralph W228
 Scott, Alan F. **P0086**
 Scott, Erica **W303**, W304, **P1082**, P1087
 Scott, Kristin C19, W359, W418, P0354,
 P0369, P0647
 Scott, Liz P0389
 Scully, Erin D. **W053**, **P0224**, P0318,
 P0433
 Seabury, Christopher M. W134, P1073
 Seal, Ruth P0372
 Sears, Karen E. W455
 Seaver, Samuel M. D. P0310
 Seebald, Allison P1180
 Seemann, Stefan E. W633, P0065
 Seetharam, Arun S. P0665, P0984,
 P1025
 Sehgal, Sunish P0901
 Sekine, Daisuke **P0652**
 Sela, Hanan P0001, P0873
 Sela, Noa W600
 Sellem, Eli **W016**, **P0279**, **P1050**
 Sempéré, Guilhem C10, P0442
 Sen, Taner Z. **C17**, P0347, P0349
 Senbeta, Feyera W175
 Seneviratne, Sudeshi **P0900**
 Seo, Jang-Kyun P0522
 Seo, Yong Weon **P0867**
 Seon, Dong W435
 Seppey, Mathieu C20, P0452
 Serapiglia, Michelle J. W337, P0957
 Serba, Desalegn D. P0313
 Sergio Ivan, Román Ponce P1047,
 P1048, P1055, P1127, P1128
 Sert, Osman W750
 Servin, Bertrand W132, **W446**
 Sese, Jun P0168, P0495
 Session, Adam W073, **W313**, W741,
 P0980
 Sethi, Ram S P0023
 Severin, Andrew J. P0665, **P0984**,
 P1025
 Severn-Ellis, Anita W090
 Sevilla, Anna W154
 Seymour, Dave P0276
 Sezen, U. Uzay **W352**
 Sforça, Danilo A. W897, P0747, P0749,
 P0752
 Sgariboldi, Diane F. P0137
 Shadgou, Hormat **P0247**
 Shaffer, Christopher D W803, P0381
 Shah, Manesh W725, W729
 Shah, Preyas W012, W076, P0074
 Shah, Trushar W112, P0946
 Shahin, Arwa **W665**
 Shandu, Siphiwokuhle F. **P0092**
 Shang, Guandong W739, P0567, P0574
 Shannon, J. Grover W003
 Shannon, Kelly P0760
 Shao, David P0135
 Shao, Fenjuan W540
 Shao, Lin W821
 Shao, Mon-Ray W226
 Shapiro, Beth **W261**
 Sharim, Hila P0560
 Sharma Poudel, Roshan P0287
 Sharma, Ajay Kumar P0692
 Sharma, Govind C. P1184
 Sharma, Manoj W728
 Sharma, Nimisha W598, P0635
 Sharma, Ram W161
 Sharma, Tilak R. W598, P0635, P0692,
 P0693
 Sharp, Aaron P0014
 Sharpe, Andrew G. W090, P0821,
 P0822, P0835, P0884
 Sharpton, Thomas **W930**
 Shaw, Felix **C23**
 Shaw, Mavity P0917
 Shaw, R. Scott P0681
 Shearer, Courtney P1154
 Shearer, Heather **W625**
 Shearman, Helen **P0461**
 Shearman, Jeremy **W898**
 Shehzad, Tariq P0578
 Shekhtman, Eugene P0135
 Shen, Amber P0552
 Shen, Botong **P1049**
 Shen, Jie P1130
 Shen, Wenyun P0868
 Shendure, Jay P0078
 Shenton, Matthew R. P0139
 Shepherd, Merv W822
 Shepherd, Mervyn P0598
 Sheridan, William F. P0402
 Sherman, Jamie W964, P0827
 Sherwood, David A. W186
 Shi, Ainong **W432**, **W434**, P0779, **P0937**
 Shi, Jinghua W820, P0005, **P0720**

- Shi, Jinrui **W605**
 Shi, Xianwei **P1129**
 Shi, Xiaoli S. W180, **P0007**
 Shi, Xiaowen W655
 Shi, Xinguo **P0199**
 Shibaya, Taeko P0327
 Shichijo, Mitsutoshi **P0743**
 Shields, Melanie E. **P0623**
 Shilov, Ilia **W887**
 Shim, Kyu-Chan P0767
 Shimelis, Hussein P0407
 Shimizu, Kentaro K. P0168
 Shimizu, Minami P0921
 Shimizu, Takehiko P0652
 Shimizu, Tokurou **W147**, P0330
 Shimizu-Inatsugi, Rie P0168
 Shimomura, Michihiko P0844
 Shin, Chanseok **P1108**
 Shinozaki, K. P0094
 Shirasawa, Kenta W907, P0018, P0243,
 P0801
 Shirasawa, Sachiko P0327
 Shiu, Shin-Han P0205, P0206
 Shu, Shengqiang W073, W741, **P0457**,
 P0733, P0734, P0980
 Shuang, Lan-Shuan **P0551**
 Shuga, Joe W396
 Shukradas, Shweta **P0474**
 Shwani, Abdulkarim **P0426**, P1137
 Schwartz, Brian P0758
 Shykind, Benjamin M. W103
 Siangliw, Meechai P0218
 Sibout, Richard **W727**
 Siddavatam, Prasad P0064, P0084,
 P0085
 Siddique, Kadambot P0127
 Sidebottom, Christine P0835
 Sidhu, Jagdeep Singh P0901
 Sidhu, Sachdev S. W842
 Siegel, Zachary W143
 Sievert, Julie P0319
 Sifau, Mutiu O P0122, P0420, P0423
 Silcocks, Matt W981
 Sillero, Josefina W653
 Silva, Claudio B. C. P0747, **P0749**,
 P0752, P0962
 Silva, Eder Marques P0802
 Silva, H. P0251
 Silva, Herman **W542**, P0011
 Silva, Marcos A. C. W783, P0541, P0558
 Silva, Marcos Vinicius Barbosa da P1054
 Silva, Pedro I.T. W354
 Silva-Filho, Marcio C W783, **W901**,
 P0541, P0558, **P0748**, P0754, P1110
 Silverstein, Kevin AT P0608
 Silvestre, Ellida de Aguiar P0973
 Silvestre, Rocio W906
 Silvestrelli, Maurizio P1086
 Sim, Sheina **P1112**
 Sim, Sung-Chur **P0799**
 Simão, Felipe A. **C20**, **W195**, **P0452**
 Simcic, Mojca P1065
 Simkova, Hana **P0837**
 Simmonds, James C29
- Simmons, Blake W822, W889, P0598
 Simon, Marissa W183
 Simon, Phil W230, W236
 Simon, Philipp W. W815
 Simon, Reinhard **C30**, **W520**, W903,
 W906, **P0454**, P0947
 Simons, Kristen W801, P0722
 Simpson, Charles E. P0076, P0104
 Simpson, E. Barry P0111
 Simpson, Sheron P0134
 Sims, David W073
 Simsek, Ozhan **P0239**, P0289
 Sinclair, Thomas R. P0664
 Sindre, Hilde P0988, P0999
 Singan, Vasanth W726, P0222
 Singh, Akshay W598, P0635
 Singh, Anand K. W598, P0635
 Singh, Arti P0671
 Singh, Asheesh K. P0671, P0850, P0884
 Singh, Balwant P0768
 Singh, Gunjita W796
 Singh, Jasdeep P0023
 Singh, Kashmir P0197
 Singh, Kuljeet P1058
 Singh, Nagendra K. **W598**, **P0635**,
 P0692, P0693, P0768
 Singh, Narinder **W402**, **P0002**, **P0876**
 Singh, Nisha **P0768**
 Singh, Prashant P0153
 Singh, Rakesh Kumar P0140, P0141
 Singh, Raksha P0612
 Singh, Ratnesh **P0753**
 Singh, S. K. W598, P0635
 Singh, Sangeeta W598, P0635, P0692,
 P0693
 Siqueira, Marcos V. B. M. P0973
 Sisco, Paul W340
 Sivankalyani, Velu W600
 Skafnesmo, Kai Ove P0983
 Skaggs, Nicole P0713
 Skidmore, Edwin W244
 Skoglund, Pontus **W260**
 Skot, Leif W494
 Skovgård, Henrik P0643
 Slade, Ann J P0405
 Slavov, Gancho T. **W350**, **P0317**
 Sloan, Daniel W984
 Slotte, Tanja **W753**
 Smart, Lawrence B. W337, P0250,
 P0957
 Smertenko, Andrei P0146
 Smetanin, Dmitry P0022
 Smets, Pia W742
 Smibert, Craig A. W842
 Smita, Shuchi W460, **P0657**
 Smith, Adam W748, P0931
 Smith, Barry C22, P0323
 Smith, C. Wayne P0564
 Smith, Dan **W070**
 Smith, Dr. Timothy P.L. W123, W124,
 W138, W544, P1142
 Smith, James R. P0155
 Smith, Justin M. W761
- Smith, Kevin P. **W977**, P0130, P0795,
 P0839, P0903, P0907, P0924
 Smith, Mark W632
 Smith, Nicole C. P0291
 Smith, Rhonda J. P0528
 Smith, Richard G. P0960
 Smith, Shavannor M. **W074**
 Smith, Timothy P.L. W137, P1146,
 P1147, P1161, P1162
 Smith-White, Brian **W581**, **P0707**
 Smulders, Marinus J. M. **W662**
 Sniatyński, Michelle W500
 Sniezko, Richard P0582
 Snowdon, Rod W009, **W091**, **W441**,
 W704, W708, P0554
 Sobreiro, Mariane B. W344
 Sodeland, Marte W041
 Soelkner, Johann W534, P0480
 Solanki, Shyam **P0287**, P0912
 Solovyev, Victor W572
 Soltis, Douglas E. W740
 Soltis, Pamela S. W740
 Somalraju, Ashok P0233
 Somers, Christopher P0090
 Somers, Daryl J. **P0808**, P0820
 Sonah, Humira P0159, **P0259**
 Sonego, Paolo C03, P0365
 Sonesson, Anna K **P1001**
 Song, Bao-Hua **W867**
 Song, Guo-Qing **W475**
 Song, Hui P0673
 Song, Jae-Young P0213, P0214
 Song, Jawon **W247**
 Song, Jia-Ming W821
 Song, Jian W899
 Song, Jiuzhou **W015**, W127
 Song, Li W003
 Song, Mingzhou P0565, P0568
 Song, Qijian P0650
 Sonnewald, Sophia P0235
 Sonnewald, Uwe P0235
 Sonstegard, Tad S. W127, W534,
 P0480, P1064
 Sonthirod, Chutima W898
 Sood, Sushma W892
 Sooknah, Matt W396, P0074
 Soranzo, Nicola W473, P0482
 Sorbolini, Silvia P0503
 Sorek, Rotem W725
 Soriano, Jose M. W785
 Sork, Victoria W351, W749
 Sorrells, Mark E C09, P0441
 Soto, Brian W956
 Soto, Esteban W365
 Soubigou-Taconnat, Ludivine W965
 Soudi, Shaghayegh **P0427**
 Soula, Julie P0471
 Sourdille, Pierre W964, P0827
 Souza, Anete P **W897**, P0747, P0749,
 P0752
 Souza, Glaucia M. W896
 Souza, Silvana Creste **P0226**
 Souza, Thais Paula **P1110**
 Souza, Thiago L. P. O. **P0415**

- Sowers, Rosalie P0206
 Soyars, Cara L **W263**
 Spangenberg, German C. W557
 Spangler, Gordon **P1159**
 Spangler, Matt L. W919
 Spannagi, Manuel **W576**, W966, P0326, P0350, P0906
 Sparrow, Helen **W408**
 Speidel, Scott E. P1060
 Spencer, Taylor I. P0401
 Spencer, Terrell P0430
 Spindel, Jennifer **P0319**
 Spittle Kim, Kristi W137, P1161
 Splan, Rebecca K P1094
 Spoelhof, Jonathan P. **W740**
 Springer, Nathan M. W820, W955, W966, P0005, P0717, P0719, P0906
 Springer, Patricia **W466**
 Spurlock, Diane M. P1060
 Sreedasyam, Avinash P0222, P0733, P0734
 Sreekanta, Suma W601, P0658
 Srinivasan, Ramachandran **P0781**
 Srinivasan, Srikant W143, W859, P0714, P0725
 Srinivasan, Sriram W203
 Srinivasan, Subhashini **W886**, P0063, P1035
 Sripathi, Venkateswara R. **P1184**
 Srivastava, Manish W598, P0635
 Srivastava, Subodh K P0153
 Stadler, Peter F. W633, P0065
 Stafuzza, Nedenia Bonvino P0277
 Staggenborg, Scott P0319
 Ståhl, Patrik W376
 Staiger, Elizabeth A. P1092
 Stajich, Jason W813, P0776
 Standage, Daniel **W628**
 Stanishevskaya, Olga I. P0115
 Stape, José W339
 Stapleton, Ann P0337, P0386
 Stapleton, Mark P1149
 Stare, Tjasa P0175
 Staton, Margaret C26, W340, W956, W959, **W963**, P0358, P0360, P0473, P0479, P0593, P0630
 Stec, Adrian O. W601
 Steele, Dr Katherine P0050
 Steep, Alec W760
 Steeves, Tammy P0089
 Stefanon, Bruno P1045
 Steffenson, Brian J. P0001, P0873, P0889, P0912
 Steibel, Juan P. W921
 Stein, Joshua W399, **W481**, W820, P0005, P0447, **P0762**
 Stein, Lincoln W482, W490, P0364, P0602
 Stein, Nils **W554**, W966, W967, P0902, P0906
 Steiner, Kim C. P0593
 Steinfartz, Sebastian P0293
 Steketee, Clinton J. **P0664**
 Stella, Alessandra W020, W021, **W949**, P1040, **P1045**, **P1051**, **P1151**
 Stelly, David M. W521, W527, P0563
 Stephens, Matthew W174, P0942, P0943
 Sterck, Lieven **P0339**, **P0359**
 Stern, Joshua P1026
 Stervander, Martin **W061**
 Steuernagel, Burkhard **W617**, W784
 Stevanato, Piergiorgio **W883**, W884
 Stevens, Emily W396
 Stevens, Kristian A. W352
 Stewart, Craig A. W244
 Stewart-Brown, Ben B. **P0650**
 Steyn, Helena P0280
 Still, David W. **P0934**
 Stitzer, Michelle W820, W955, P0005
 Stoces, Stepan W400
 Stoddard, Frederick L. P0643
 Stoffel, Kevin W012
 Stone, Anne C. P0532
 Storey, Roy P0089
 Storks, Levi P1116
 Storozhenko, Sergei W734
 Stothard, Paul P0276, P0496
 Stougaard, Jens W381, P0643, P0648
 Stougaard, Robert P0852
 Stove, Christophe W734
 Stover, Ed P0606
 Strasburg, Gale M. W765, **W766**, P1134
 Straub, Shannon W342
 Strauss, Sharon Y. P0977
 Street, Nathaniel R. W335, W376, P0053
 Streeter, Ian P0371
 Strelkov, Stephen P0550
 Strickler, Susan W342
 Strickler, Susan R. **W823**, P0061
 Strillacci, Maria G. P0424, P1048, P1057, **P1127**, P1128
 Strobbe, Simon W734
 Strøbech, Lotte P0187
 Stucky, Brian J. W716
 Studer, Bruno W334, W400, W492
 Stupar, Robert M. W380, **W601**, P0305, P0658, P0661
 Sturbaum, Anne P0859
 Su, Baofeng P1015
 Su, Hang W800
 Su, Mei-Hsiu W594
 Su, Rui P1156
 Su, Wenyue P0595
 Su, Zhenqi **P0894**
 Subburaj, Saminathan P0040
 Subirats, Imma S. W571
 Subramani, Mayavan **P0679**
 Subramaniam, Sabarinath W627
 Subramanian, Dr. Senthil **W460**
 Subramanian, Senthil **W588**, P0156, P0157, P0657
 Subtelny, Alexander O. W842
 Sudo, Hiroshi P0395
 Suez, Marie P1120
 Suh, Nayoung **P0185**
 Sujatha, Mulpuri P0791
- Sukumaran, Sivakumar **W222**
 Suleimenov, Maratbek Zh P1158
 Sullivan, Gary P1168
 Sullivan, Shawn W353, P0078
 Sumirat, Ucu P0106
 Summers, Kim M. W545, P1144
 Sun, Chunyu P0266
 Sun, Congjiao P0295, **P1124**
 Sun, Honghe W232, W233, W905
 Sun, Hua W180, P0007
 Sun, Jiajie W127
 Sun, Liang P0095
 Sun, Lin P0254
 Sun, Qi C09, W801, P0441, P0722
 Sun, Runrun P0180
 Sun, Shuai W821
 Sun, Ying **P0172**
 Sun, Yongwei W731
 Sundararajan, Anitha W801, P0722
 Sundström, Jens W376, P0053
 Sunduimijid, Bolormaa W130
 Sunil, Meeta P0063, P1035
 Supernault, Janine W037, P0992
 Surana, Priyanka W614
 Suren, Haktan W742
 Sutter, Nathan B. P1180
 Suwabe, Keita P0166, P0261
 Suza, Walter P. P0385
 Suzuki, Go P0166, P0261
 Swaminathan, Kankshita **W069**
 Swanson, Penny W744
 Swarbreck, David W419
 Sweeney, Candy W593
 Sweeney, Megan P0571
 Swimley, Michelle P0084
 Swinburne, J. W293, P1095
 Switzer III, Robert C. P1042
 Sykes, Robert P0321
 Sykes, Timothy **W492**
 Szabo, Les J W388, W703, P0515
 Szabo, Les J. P0517
 Szarejko, Iwona P0059
 Sze, Sing-Hoi P0564, P0712
 Szopa-Skorkowski, Jan **W324**
 Szovenyi, Peter W639, **W640**
 Szymczyszyn, Tomasz C11, P0361
 Sørensen, Anders Christian P0392
 Tabata, Satoshi P0327
 Tadelle, Dessie P1064
 Tadeo, Francisco R W146, W149
 Tadesse, Negussie P0687
 Tadesse, Wuletaw W161
 Taguchi, Kazunori W884, **W885**
 Tai, Thomas H. P0771, **P0772**
 Tainaka, Hitoshi P0463
 Takagi, Hiroki P0951
 Takahagi, K. P0094
 Takahagi, Kotaro P0921
 Takahashi, Elizabete K. W338
 Takahashi, Makoto P0586, P0587
 Takanashi, Hideki P0463, P0500, P0737, **P0741**, P0743
 Takashima, Yuya P0586
 Takeda, Agnes A. S. P0600

- Takeda, Seiji P0166
 Takeuchi, Hideyuki W810
 Takeuchi, Yusuke **P1018**
 Talag, Jayson W821
 Talavera, Alicia P0632
 Talbert, Luther W964, P0827, P0875
 Talbot, Adam W192
 Talbot, Jennifer W391
 Talbot, Richard W137, P1161
 Talenti, Andrea W021
 Talon, Manuel **W146**, W149
 Talukder, Shyamal K **P0095**
 Tamiru Oli, Muluneh P0951
 Tamura, Miho P0586, P0587
 Tan, Cheng P0498
 Tan, Chor Tee W709, P0882
 Tan, Jia P0730
 Tan, Rachel W495, P0128
 Tan, Reynold W958
 Tan, Suxu P1015
 Tanabata, Takanari **P0626**
 Tanaka, Kiyoshi P0249
 Tanaka, Masaru W907
 Tanaka, Ryohei **P0499**
 Tanaka, Tsuyoshi P0844, P0878
 Tanamati, Fernanda **P0277**
 Tandukar, Zenith **P0905**
 Tang, Amy **W413**
 Tang, Guiliang P0667
 Tang, Haibao W090, P0963
 Tang, Shuiquan **P0512**
 Tang, You **P0485**
 Tang, Yuhong W329, W728, **W729**,
 P0095
 Tangphatsornruang, Sithichoke W898
 Taniguchi, Masaaki **P1171**, P1172
 Tanizawa, Yasuhiro P0330
 Tanyolac, Bahattin W206, P0685
 Tao, Ryutaro W361, **W364**
 Tao, Tao **W612**
 Tao, Yongfu **W858**, **P0738**
 Tapia, Sebastian W365
 Taran, Bunyamin P0686
 Tardivel, Aurélie P0655
 Tarekegn, Getinet Mekuriaw **P1104**
 Tarifeño, Estefania P0993
 Tarrant, Katy P0116
 Tasaki, Kimihisa P0243
 Tasma, I Made P0818
 Tatarinova, Tatiana **W079**, **W572**
 Tate, Nicole M **P1094**
 Tav, Padmavathi P0791
 Tavakol, Elahe P0910
 Taxis, Tasia M. **W017**, **W636**, **P1075**,
 P1154
 Tayal, Aditi P0375, P1034
 Tayeh, Nadim P0355
 Taylor, Alex W133
 Taylor, Andrew W192
 Taylor, Greg W393, P0879, P0881
 Taylor, J. Bret P1152
 Taylor, Jeremy F. W134, P0277, P1037,
 P1065, P1073
 Taylor, Mark P0414
 Taylor, Nigel J. **W227**
 Taylor, Richard G. P0291, P0995, P1000
 Teakle, Graham R. W090
 Tearle, Rick W020, P1040
 Tecle, Isaak Y. **P0464**
 Tedder, Andrew W753
 Telander, Tyler P0389
 Telfer, Emily J. P0601
 Tello-Ruiz, Marcela Karey **W480**, **P0344**
 Telugu, Bhanu P1049
 Temme, Andries A. P0793
 Templeton, Alan P0293
 Tenaillon, Maud W451
 Tengey, Theophilus Kwabla **P0104**
 Tennessen, Jacob W356
 Tennessen, Jacob A. **W830**
 Terashima, Shin P0336, P0363, P0462
 Terauchi, Ryohei P0951
 Terebieniec, Barbara W376, P0053
 Terletsky, Valeriy P. P0115
 Terol, Javier W146, **W149**
 Terry, Jessica W396
 Terryana, Rerenstradika Tizar P0818
 Terzi, Valeria W786
 Tesfaye, Kassahun **W175**, W206, P0685,
 P0687
 Teskey, Garrett P0288
 Tessema, Biructawit B. P0392, **P0409**
 Tessman, Monica W794
 Tesso, Tesfaye T. W454
 Tester, Mark A. P0939
 Tetreault, Hannah M **P0318**
 Thain, Douglas W627
 Thanki, Anil S. **W473**, **P0482**
 Thannhauser, Theodore W W672, P0805
 Thapa, Shree P W497
 Thepa, Santosh P0043
 Théra, Korotimi **P0735**
 Thibaud-Nissen, Francoise W581, **W611**,
 W836, P0707, P0796
 Thieme, Michael W952
 Thiessen, Nina W393, P0879, P0881
 Thilmony, Roger P0340
 Thimmapuram, Jyothi P0087, P0757
 Thom, Ulrike P1079
 Thomas, Ann P0920
 Thomas, Hannah R. **P0660**
 Thomas, Julie W931, P0142, P0775,
 P0779
 Thomas, Mark W633, P0065
 Thomas, Terry L. W895
 Thomason, Jim P0310, P0448
 Thomasset, Muriel P0613
 Thomasy, Sara P1026
 Thomelin, Pauline M.L. **P0869**
 Thomma, Bart W735
 Thompson, Marisa Y. P0247
 Thomson, James **W732**
 Thorgaard, Gary H. P1007
 Thorson, Jennifer F W919, P1168
 Thrimawithana, Amali H. W353
 Thu, Sandi Win P0256
 Thuillet, Anne Celine W451, P0101,
 P0786
 Thyssen, Gregory **W525**, P0577
 Tian, Bin **P0667**, P0894
 Tian, Shouwei W232, W233
 Tian, Zhixi **W863**
 Tibbits, Josquin W557
 Tidwell, Jason P. P0112
 Tiede, Tyler P0839
 Timmermans, Marja P0719
 Timofejeva, Ljudmilla P0896
 Tin Lun, Rudy Kong C13, P0324
 Tinker, Nicholas A. **W650**, P0915
 Tiwari, Vijay K. **P0870**
 Tixier, Marie-Hélène W596
 Tixier-Boichard, Michèle **W777**, **P1120**
 Tobar Piñón, María Gabriela **P0682**
 Tobia, Janine P0120
 Tobias, Christian **P0314**
 Tobias, Peri A. P0597
 Tocci, Aldo W489
 Toda, Yusuke **P0763**
 Todd, Antonette **P0846**
 Todd, James W899, P0134
 Todd, Timothy C. P0667
 Todhunter, Rory W595, P0035
 Todorovic, Sinisa C22, P0323
 Toegelova, Helena P0837
 Togawa, Roberto C. W354, P0015,
 P0271
 Tohme, Joe W185
 Toki, Seiichi **W607**
 Tokunaga, Tsuyoshi P0463, P0500,
 P0737, P0743
 Tolkunov, Denis P0222
 Tollis, Marc **W458**
 Toloue, Masoud P0071, P0788
 Tondelli, Alessandro P0910
 Tonhati, Humberto P0277
 Tonnis, Brandon P0118
 Toojinda, Theerayut P0218
 Toomajian, Christopher P0523, P0718
 Toräng, Per W753
 Torgersen, Jacob S P0991
 Torgersen, Jacob Seiloe **W041**
 Torkamaneh, Davoud P0653, **P0655**
 Tornqvist, Carl-Erik I. **P0312**
 Torrance, Lesley P0414
 Torres-Jerez, Ivone W729, P0698
 Toschi, Paola P1151
 Tosser, Gwenola W132
 Tosser-Klopp, Gwenola **W528**, **W536**
 Tosun, Muzaffer **P0721**, P0861, P0874
 Touma, Shihei P1172
 Tournay, Robert W874
 Tournebize, Rémi P0106, P0367
 Tovar, Jose W794
 Town, Christopher D. W090, W337,
 W565, P0353, P0645, P0694, P0957
 Toyoda, Atsushi W147, P0139, P0330
 Toyooka, Kiminori P0395
 Trad, Rafaela Jorge **P0962**
 Tragoonrung, Somvong W898
 Trakooljul, Nares **P0274**
 Trammell, Michael P0355
 Tran, Phu-Tri P0522

- Tranchant-Dubreuil, Christine **C27**,
P0106, P0367, P0469, P0786
Tranel, Patrick W984
Trapero-Mozos, Almudena **P0414**
TRAS, Sweetpotato Genome
Sequencing Consortium P0013
Trebbi, Daniele W496, P0932
Trenhaile, Melanie W919
Triant, Deborah A. **P1109**
Tribout, Thierry P1036
Trick, Harold N. P0036, P0667, P0894
Tricon, David W366
Triplett, Eric W. W807
Troedsson-Wargelius, Anna **P0983**
Troggio, Michela P0009, P0614
Truco, Maria Jose P0935, **P0936**
Truong, Huan P1154
Truong, Sandra K. **W002**, P0733, **P0734**
Tsai, Hsin-Yuan P0996
Tsai, Wen-Chieh **P0232**
Tsai, Yuan-ching P0784
Tsai, Zing Tsung-Yeh P0206
Tschaplinski, Timothy J. **W349**
Tseng, Elizabeth P0082
Tseng, Meng-Chun P0552
Tsilo, Toi John P0407
Tsuchida, Cayla P0533
Tsuchiya, Rie P0328
Tsuda, Mai P0652
Tsujimoto, Hisashi P0249
Tsukamoto, Chigen P0649
Tsurumi, Risa P0243
Tsuruta, Shogo W135
Tsutsumi, Nobuhiro P0463, P0500,
P0737, P0741, P0743
Tu, Luhua P0040
Tuberosa, Roberto **W155**, W496, W785,
P0932
Tucker, John W022, P1044
Tuggle, Christopher K. **W374, W917**,
P0274, P1162, P1163
Tuinstra, Mitch **W712**
Tulpova, Zuzana P0837
Tung, Chih-Wei P0345, P0633, **P0765**
Tunstall, Tate **W425**
Turanlı, Ferit P0874
Turner, Frances P1020
Turner, Sarah D. **W230**
Turri, Federica P1051
Tuskan, Gerald A. W350, **W725**, P0320
Tuskan, Jerry W723, W726, W733,
P0321
Tuttle, John W789
Twardziok, Sven O. W576, P0350,
P0906
Tweedie, Susan P0372
Tworkoski, Thomas W477
Tyagi, Priyanka P0132, P0832, P0907
Tyler, Brett **W935**
Tzfadia, Oren **W198**, P0175, **P0207**
Tzika, Athanasia C. P0024
Tzin, Vered P0203
Uauy, Cristobal C29, W964, P0229
Udall, Joshua A. P0014, P0566, P1107
Udvardi, Michael K. W329, W729,
P0697, P0698, P0700
Ueda, Shigenori W885
Uehara-Yamaguchi, Y. P0094
Ueno, Mariko P0930
Uga, Yusaku **W442**
Uh, Kyungjun W913
Ullah, Hidayat P0726, P0809
Ullate Agote, Asier **P0024**
Umale, Pooja E. W961, P0351, P0356,
P0645
Unachukwu, Nnanna P0093
Unger-Wallace, Erica E. P0711
Unni, Deepak W629, P0444
Unni, Deepak R. W128, P0375, P1034
Upadhyaya, Hari D W435
Urban, Daniel W455
Urban, Martin P0524, P0525
Urich, Mark W476, P0136
Urrutia, María P0628
Usadel, Bjoern W013, P0270, P0326,
P0507
Utolbo, Obaiya W906
Uygun, Sahra **P0205**
Vagene, Ashild P0532
Vaillancourt, Brieanne W844, P0312,
P0760
Vaillancourt, Rene E. W822, P0598
Vaisman, Iosif W534, P0480
Valárik, Miroslav P0843, **P0896**
Valberg, Stephanie J. W303, P0081,
P1100
Valdar, William W230
Valè, Giampiero **P0778**
Valentini, Alessio P1045, P1065
Valenzuela-Miranda, Diego P0075,
P0993, **P0994**
Valenzuela-Muñoz, Valentina **P0075**,
P0993
Valera Rojas, Evelyn P0668
Valiati, Paolo P0424
Vallejo, Roger L. P1011
Valli, Adrian W476, P0136
Valli, Fabio W496, P0932
Valliyodan, Babu W003
van Bohemeen, Lotte W981
Van Daele, Jeroen W734
van de Geest, Henri W835, W846, W847,
P0009, P0798, P0813
Van de Peer, Yves P0339, P0359,
P1111
van de Weg, Eric W419, P0009
van den Berg, Ronald G. W846, P0813
Van Den Bergh, Erik W245
van der Linden, C. Gerard P0939, P0940
van der Merwe, Albe W112, P0946
van der Merwe, Karen W335
Van Der Straeten, Dominique **W734**
van der Vossen, Edwin W889
van der Zaal, Bert J. W797
Van Deynze, Allen W012, **W176**, W829,
P0819
Van Eck, Joyce P0176
Van Eck, Leon **P0608**
Van Eden, Marc P0512
Van Eenennaam, Alison **W620**
Van Gansbeke, Bart **P0913**
van Gessel, Nico **W639**
Van Goor, Angelica G. W024, P1131
van Haeringen, Dr. Wim P0064
van Haeringen, Wim P1039
Van Kleef, Mirinda P0280
Van Laere, Katrijn W661
Van Leeuwen, Thomas P1111
van Loo, Eibertus N. **W792, P0939**,
P0940
van Oosterom, Erik J W858, P0738
van Parijs, Frederik W493
Van Parys, Thomas P0339
Van Sluys, Marie-Anne W896, W897,
W954, P0752
Van Stijn, Tracey W028, W353, W531,
P0128, P1023
Van Tassel, David P0795
Van Tassell, Curtis P. W138
Van Waes, Chris W493
Van, Sonny P0833
VanBuren, Robert **W383**
Vance, Carroll P. W601
VandeHaar, Mike J. P1060
Vandenberg, Albert P0643
Vandepoele, Klaas W331, P0359
Vander Jagt, Christy J W130, W369
VanderKraats, Nathan D. **P0505**
Vanderschuren, Hervé P0945
Vandervalk, Benjamin P P0472
Vandervalk, Benjamin P. W658, P1182
Vangsgaard, Kirsten W334
Vanhnasy, Julie P1077
VanOpdorp, Nathan J. P0709
VanOverbeke, Deborah L W133
VanRaden, Paul M. P0493
Vanzetti, Leonardo S. P0828
Vara, Covadonga P0453
Varella, Andrea C. **P0875**
Varshney, Rajeev W224, W435
Varshney, Rajeev K **W160, W437, W444**,
P0077, P0200, P0673
Vásquez Pelaez, Carlos P1046, P1048
Vasquez-Gross, Hans **C29**
Vasudevan, Akshaya W327
Vatsan, Anjana Raina **W836, P0796**
Vaudin, M. W293, P1095
Vaughn, Justin N P0650
Vaughn, Matthew **W244, W563**
Vautrin, Sonia W786, W897, P0041,
P0752
Veale, Andrew W751
Veasey, Elizabeth A. **P0121**, P0126
Vedula, Aparna P0082
Vee, Vanessa W123, W544, P1142,
P1146
Veeckman, Elisabeth **W331**
Vega Eliezer, Vicente Murillo P1046,
P1127, P1128
Veilleux, Richard E. **W844**
Velasco, Riccardo **W420**, P0009, P0614
Veldhoen, Nik P1182

- Velleman, Sandra G. W765, W766, P1134
 Venglat, Prakash W326, W462, P0144, P0870
 Venkatasubbu, Thirulogachandar P0909
 Venkategowda, Ramegowda P0142, P0779
 Venkatesan, Aravind C01, P0322
 Venkatswara Rao, Sripathi P0087
 Ventura, Ricardo P1068
 Verde, Ignazio P0620
 Verderio, Gabriele P0910
 Verhoeven, Koen J.F. **W190**
 Verma, Janu W113, P0944
 Verma, Ramesh W161
 Verma, Ramneek P0023
 Verma, Sujeet P0627
 Vernau, Karen P1026
 Verouden, Maikel C30, P0454
 Vetch, Justin **P0852**
 Vickerstaff, Robert J. W419
 Vickovic, Sanja W376
 Vidal, Ravenna F. W354
 Vidal, Rodrigo **P1004**
 Vidigal, Bruna S. P0236, P0674
 Vidotto, Michele W489
 Vieaud, Agathe P1120
 Vieira, Andreia P. W954
 Vig, Savanna W304, P1087
 Vignal, Alain P1120
 Vignale, Beatriz P0634
 Vigouroux, Yves P. W451, W909, P0098, P0101, P0786
 Vilela, Mariane de Mendonça P0759
 Villahoz-Baleta, Angel C09, P0441
 Villatoro Merida, Julio Cesar P0682
 Villegas, Andrés Mauricio W171
 Vimont, Noémie P0618
 Vincent, Eric B. **P0067**
 Vincentz, Michel W897, P0752
 Vining, Kelly **P0268**, P0631
 Virdi, Kamaldeep S. W601
 Visioni, Andrea W161
 Visser, Richard W664
 Vivian-Smith, Adam P0581
 Vodkin, Lila **W843**
 Vogel, Alexander P0270
 Vogel, John W723, P0922
 Vogel, John P. W727, **W741**, P0222, P0319, P0980
 Voghøei, Sahar W594
 Vollbrecht, Erik W. P0711
 von Wettberg, Eric **W206**, W210, W273, W435, P0416, P0685
 Vorontsov, Ilya E. W199
 Vorsa, Nicholi P0629
 Voss-Fels, Kai **W704**
 Vosshall, Leslie P1113
 Voy, Brynn **W764**
 Vrána, Jan P0297, P0837, P0843
 Vuong, Tri D. W003
 Vyas, Darshna **P0050**
 Wacera, Fiona P0741
 Wada, Takuya P0243
 Wade, Claire P1026
 Wade, Len P0863
 Wadlington, William **W829**
 Waese, Jamie P0343
 Wafula, Eric Kenneth W010, P0459
 Wagner, Doris **W288**
 Wagner, Nicole P0389
 Wai, Ching Man W893, P0753
 Wakatsuki, Hitomi P0763
 Waldbieser, Geoff **P0047**
 Waldron, Daniel F. W532, P1103
 Walenz, Brian P W075
 Walker, Trevor P0582
 Wallace, Jason G **W594**
 Wallén, Johan **P1027**
 Walls, Ramona **W203**, **W561**, **W716**, P0331
 Walsh, Jesse R. P0347
 Walstead, Rachel N. **P0914**
 Waminal, Nomar Espinosa P0954
 Wan, Ke W739, P0567, P0574
 Wan, Qian P0834, P1149
 Wan, Qun P0580
 Wanamaker, Steve P0688
 Wang Jett, Susana P0080
 Wang, Bo **W399**, W820, W852, P0005, P0556
 Wang, Cong W800
 Wang, Daifeng **W941**
 Wang, Dechun P0670
 Wang, Dehe P0190
 Wang, Donghai W454
 Wang, Edwin W462, P0144
 Wang, Gaojie W859
 Wang, Gongwei W821
 Wang, Guo-Liang W781
 Wang, Guoming **P0242**
 Wang, Guoying P0718
 Wang, Heng **P0770**
 Wang, Hui W236, P0077, P0673
 Wang, Jiabo W595, P0035, **P0460**
 Wang, Jian W447, P0723, P0724, **P0968**
 Wang, Jiankang P0440, P0494
 Wang, Jianping **W892**, **W899**
 Wang, Jiaxue P0160
 Wang, Jinpeng **P0787**
 Wang, Jinyu **W431**, **P0974**
 Wang, Jun W800
 Wang, Kan P0004
 Wang, Kangyu P0266
 Wang, Kuang-Ching W956
 Wang, Le **P0406**
 Wang, Lichen **P0178**
 Wang, Liya **W246**, P0447
 Wang, Luming P0292
 Wang, MengYuan W223
 Wang, Min W123, W369, W544, P1142
 Wang, Ming W735
 Wang, Minghui W801, P0722
 Wang, Mingli W454, **P0118**
 Wang, Miranda W842
 Wang, Nian **W262**, **W319**
 Wang, Ning W593
 Wang, Pei P0292
 Wang, Qiang P0135
 Wang, Qingchao W030, P1024
 Wang, Qinglian P0180
 Wang, Qiong **P1122**, **P1130**
 Wang, Qiongshan **P0179**, **P0569**
 Wang, Ronghua P0103, **P0165**, P0167
 Wang, Runze **P0615**
 Wang, Shan P0894
 Wang, Shichen W703, W709, W964, P0149, P0515, P0517, P0667, P0827, P0870
 Wang, Shuwen P0877
 Wang, Sishuo **P0539**
 Wang, Tongli W742
 Wang, Wanyan **P0250**
 Wang, Wei W388, **P0036**, P0517
 Wang, Wen P1156
 Wang, Wenli **P0260**
 Wang, Xi **W574**, **P0842**
 Wang, Xiaodong C29
 Wang, Xiaoqing **P0292**, P1164
 Wang, Xiaozhu P1014
 Wang, Xiben W393, P0879, P0881
 Wang, Xin P1129
 Wang, Xing Jun P0673
 Wang, Xiyin **W736**
 Wang, Xu P1088
 Wang, Xuefei P0411
 Wang, Xuelu **W864**
 Wang, Yan P0103, P0165, P0167
 Wang, Yanfang P0266
 Wang, Yi P0266, P0340
 Wang, Ying W631, P1115, **P1132**
 Wang, Yingxiang W800
 Wang, Youping **W679**, **P0543**
 Wang, Yuhui W236
 Wang, Zan **P0696**
 Wani, Shabir H **P0670**
 Wanner, Nicole **W302**, **P1100**
 Wanyera, Ruth P0887
 Wappel, Robert P0072
 Ward, Jamine W948
 Ward, Judson P0624
 Ward, Ming P0135
 Ware, Doreen W246, W399, W481, W482, W490, W630, W820, W852, P0005, P0072, P0310, P0364, P0447, P0448, P0602, P0742, P0762
 Wargelius, Anna P0997
 Waring, Ashley L. P0389
 Warr, Amanda W137, **P1161**
 Warren, René L P0472
 Warren, René L. W658, P1182
 Warren, Wesley W119, **W770**, **P1114**
 Warschefsky, Emily **W273**
 Warthmann, Norman **P0450**
 Washburn, Jacob D **W504**, P0131
 Watanabe, Atsushi P0585, P0586, P0587
 Watanabe, Manabu P0243
 Watanabe, Masao P0166, P0261
 Waterhouse, Robert M. C20, W195, P0452
 Waters, Eve P1180

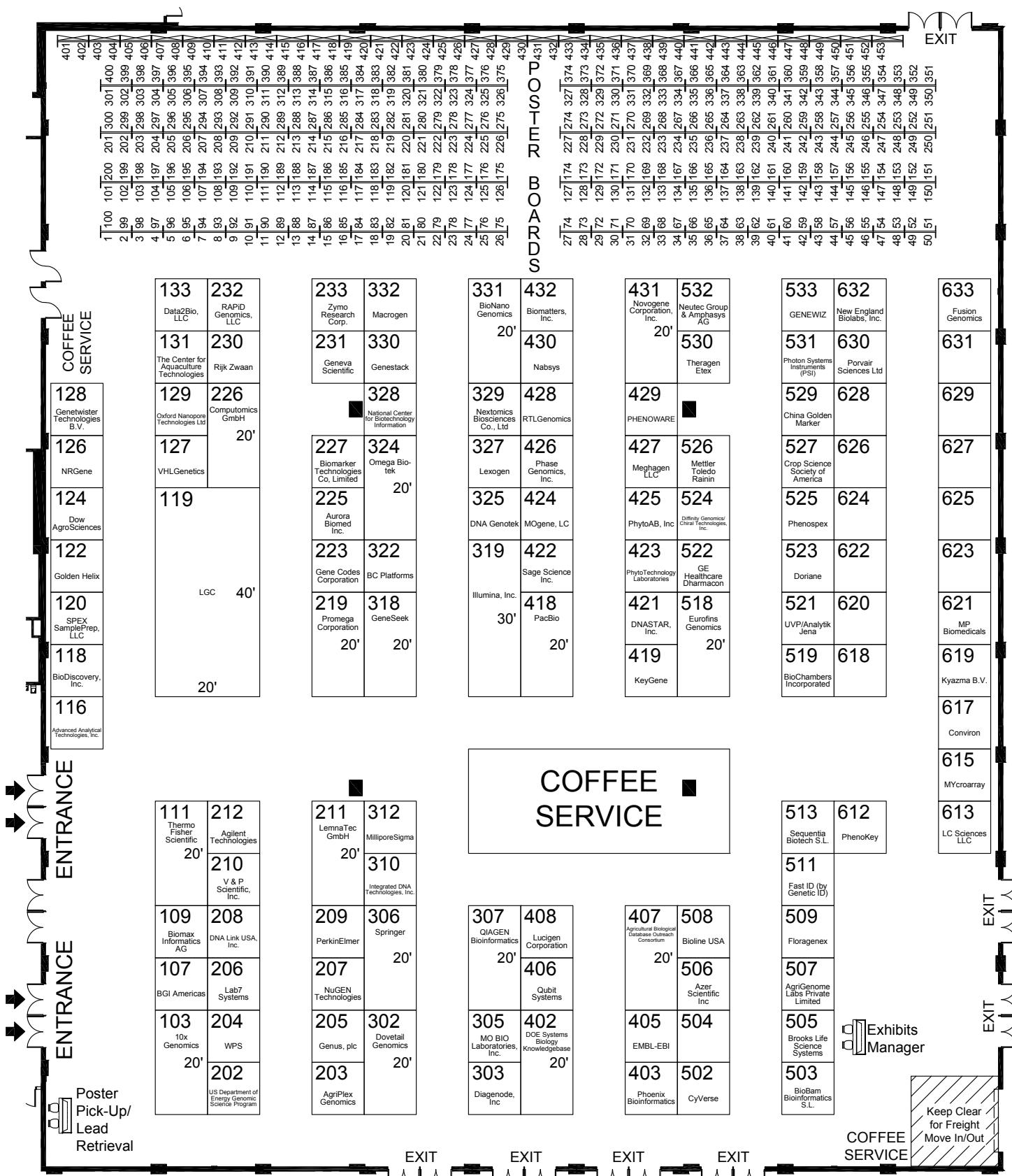
- Waters, Sinead P0276
 Watson, Mick W137, W545, **W950**,
 P1144, P1161
 Watson, Ray H. B. **P0789**
 Watts, Nick W956
 Waugh, Robbie P0299, P0906
 Weaber, Robert W133, P1042
 Weaver, David K. P0875
 Webb, Alex A.R. P0847
 Weber, Gregory M. P1005
 Weber, Michael P1059
 Weber, Patty Sue D P0285
 Webers, Christfried P0450
 Webster, Teresa A. P1043
 Wechter, Patrick W234, **P0642**
 Wedger, Marshall W272
 Weeks, Nathan P0646
 Weeks, Nathan T. W961, P0351, P0353,
 P0356, P0645
 Weeks, Rebecca L. P0711
 Weers, Brock D. P0733, P0734
 Wegryzn, Jill L. C26, W080, W352,
 W956, W959, P0358, P0360, P0398,
 P0467, P0473, P0479, **P0582**
 Wegulo, Stephen P0926
 Wei, Fu-Jin **P0784**
 Wei, Hairong **W347**
 Wei, Na **W356**, W830
 Wei, Sharon W481, W490, W820,
 P0005, P0364, P0602, P0762
 Wei, Tong P0761
 Weiberg, Arne W735
 Weich, Kalie W294, P1097
 Weigel, Detlef **W047**, **W506**, P0009,
 P0561
 Weikard, Rosemarie **P1061**, P1079
 Weinhold, Elmar P0560
 Weining, Song **W861**
 Weise, Stephan W967, P0326, P0902
 Weisenfeld, Neil W012, W076, P0074
 Weissensteiner, Matthias **W060**
 Weissmann, Sarit **P0138**
 Welle, Monika M W296
 Weller, James L. **W209**, **W459**
 Weller, Jennifer **W873**
 Wells, Rachel W086, P0361, P0555
 Wen, Changlong W236
 Wen, Zixiang P0670
 Wenden, Bénédicte P0011, P0618,
 P0619
 Wendland, Adriane P0415
 Weng, Yiqun **W236**
 Weng, Yuejin P0937
 Weng, Zijin P0773
 Wenk, Michael P0487
 Wennevik, Vidar P0997
 Werner, Christian R. **W708**
 Wessler, Susan W813, P0607, P0776
 Westra, Phil P0208
 Westra, Philip P0267
 Westropp, Jodi P1026
 Westwood, James H. **W982**
 Whalen, Jeanne P0398
 Whaley, Adam **W652**
 Wheeler, Mary W531
 Wheeler, Nicholas W352
 Wheeler, Tobias W396
 Whelan, James P0730
 Whitacre, Lynsey W138
 Whitaker, Vance M. P0304, P0627
 White, Benjamin H **P0951**
 White, Charles **W796**
 White, Frank F. P0718
 White, Stephen N. W123, **W373**, **W532**,
 W544, W548, **P1103**, P1142, P1145,
 P1152, P1153
 Whitelaw, C. Bruce W545, P1144
 Whitham, Steven A. **W714**
 Whitlock, Michael C. W742
 Wicker, Thomas W784, **W966**
 Wickett, Norman P0459
 Wideman, Robert F P1137
 Widyasari, Kristin P0522
 Widzgowski, Janka P0270
 Wieczorek, Doug P0067
 Wiens, Gregory D. P1010, P1011
 Wiersma, Andrew T. P0829
 Wigge, Philip A. P0618
 Wijesena, Hiruni R W919, **P1168**
 Wilcox, Phillip P0601
 Wiley, Michelle W932
 Wilkey, Andrew W961, P0351, P0353,
 P0356, P0645
 Williams, Falina J. P1029
 Williams, Gabriel O. P0420, P0436
 Williams, Jamie P1074
 Williams, John W020, **W092**, W094,
 W096, W373, P1040, P1070, P1151
 Williams, Mark E. W183
 Williams, Zoë P1100
 Willis, Chris P0084
 Wilson, Joanna P0090
 Wilson, Mark P0945
 Wimmers, Klaus P0274
 Wing, Janine W948
 Wing, Rod W570, W821, P0927
 Wing, Rod A. W171, W481, **W808**,
 P0762, P0769
 Wink, Michael P0518
 Wise, Roger **W614**
 Wisecaver, Jennifer H. **P0203**
 Wisniewski, Michael **W363**
 Wisser, Randall J. P0058, P0708
 Witcombe, Dr John P0050
 Withler, Ruth E. W037, P0992
 Wittern, Lukas M. **P0847**
 Wojciechowski, Martin P0927
 Woldemariam, Nardos Tesfaye **P0988**,
 P0999
 Wolfe, Danielle P0893
 Wolfe, Kenneth H. W392, P0535
 Wolfe, Marnin W111, W509
 Wolff, Sarah P1154
 Wolfgruber, Thomas W678
 Womack, James P1135
 Wone, Bernard W. M. P0020, P0056,
 P0182, P0928
 Wong, Alexander W396
 Wong, Debbie W557
 Wong, Eric A. **W768**
 Wong, Joan P0533
 Woo, Jiyoung P0027
 Woo, Jongwook P0016
 Wood, Dave J. P0624
 Wood, Graham W948
 Woodhouse, Maggie P0347, P0348
 Woods, Daniel **W083**, **P0922**
 Woodward-Greene, M.J. **W534**, **P0480**
 Woody, Scott **W802**, **P0396**
 Woolums, Amelia P1074
 Worden, Andrew P0713
 Worku, Mulumebet **P0278**
 Worley, Kim C. **W123**, **W544**, **P1142**,
 P1146
 Worthington, Margaret L. **W185**
 Wötzl, Stefan W753
 Wright, Anna P1154
 Wright, Chris L. P0069, **P0070**
 Wright, Dominic P1116
 Wright, Jessica W749
 Wright, Stephen I. P0343
 Wrightsman, Travis R. **P0607**
 Wu, Changyin W821
 Wu, Chengjun W003
 Wu, Di **P0593**
 Wu, G. Albert W146
 Wu, Guohong Albert W073
 Wu, Hao P0773
 Wu, Jian **P0547**
 Wu, Jianyong P0568
 Wu, Jianzhong P0844, P0878
 Wu, Kevin W396
 Wu, Peng **P0549**
 Wu, Rui **P0561**
 Wu, Shan W905
 Wu, Wencheng P0440
 Wu, Xiao-Lin **P0091**, P1164
 Wu, Xiaoba W264, P0037
 Wu, Xinli Emily W593
 Wu, Yanqi W671
 Wu, Yuye W454
 Wu, Zhenfang P0498
 Wu, Zhihua W864
 Wulff, Brande W784
 Wunder, Jörg W753
 Wyatt, Paul W785
 Wynne, Michael W959, P0358, P0360
 Wyse, Donald L. P0919
 Wytko, Connor W956
 Xi, Hong P0012, P0016, P0379
 Xi, Wanyan P0561
 Xi, Zhenxiang P0962
 Xia, Jun P0281
 Xia, Lanqin **W731**
 Xia, Yanshi P0127
 Xia, Zhiqiang **P0048**
 Xiang, Daoquan W462, P0144, P0870
 Xiao, Qianjun P0091
 Xie, Fuliang P0180
 Xie, Huahan W486
 Xie, Juan W728, P0502
 Xie, Qingmei W762

- Xie, Shanshan **P0190**
 Xie, Shaojun P0757
 Xie, Weibo W821
 Xie, Zidian W678
 Xin, Zhanguo W852, P0742
 Xing, Chaozhu P0568
 Xing, Feng W821
 Xing, YongZhong W821, **P0764**
 Xiong, Gang P0292
 Xiong, Lizhong W821
 Xiong, Yehui W781
 Xiong, Yer W601
 Xu, Andrew Wei W0111, P0074
 Xu, Guiyun P1124
 Xu, Hongen W760
 Xu, Jiale **P0096**
 Xu, Jianlong W154
 Xu, Jiaqi P0091
 Xu, Jin W319
 Xu, Juan **P0238**
 Xu, Kenong W228, P0610, P0612
 Xu, Liang P0103, P0165, P0167
 Xu, Liangsheng P0702
 Xu, Ling P0340
 Xu, Lingyang W127
 Xu, Minglian W447, P0723, P0724
 Xu, Ruo W614
 Xu, Shizhong P0564, P0689, P0712
 Xu, Steven S. P0825
 Xu, Weijia **W050**, W561
 Xu, Wenwei **W005**, P0712
 Xu, Xia P0072
 Xu, Xiangyang W709, P0882
 Xu, Xin P0543
 Xu, Xuewen **P0475**
 Xu, Yang P0564
 Xu, Ying W729
 Xu, Yong W232, W233
 Xu, Yueyuan W780, P1166
 Xue, Allen P0893
 Xue, Qingwu W709, P0882
 Xue, Shulin **P0877**
 Xue, Wentao P0910
 Xue, Xi P0291, P0995, **P1000**
 Xue, Yongbiao **W682**
 Yabe, Shiori **P0388**, P0652
 Yacoub, Haitham **P0189**
 Yada, Benard W903
 Yadav, Akshay P0353, P0645
 Yahyaoui, Habib W104, P1177
 Yakovlev, Igor **P0581**
 Yamada, Tetsuya P0652
 Yamada, Toshihiko P0315, **P0316**
 Yamamoto, Eiji W810
 Yamamoto, Yoshio P1158
 Yamane, Kentaro P0649
 Yamasaki, Masanori W810, P0763
 Yamashita, Hiroki P0042
 Yamashita, Tsunemi **P0976**
 Yamazaki, Kiyoshi P0500, P0737
 Yamazaki, Yukiko P0328
 Yamini, K N. W435
 Yan, Jun P0910
 Yan, Liuling P0857, P0877
 Yan, Muqing W663
 Yan, Yueming **P0923**
 Yandell, Brian S. W230
 Yandell, M. W352
 Yandell, Mark W470, W630
 Yáñez, José M. P0998
 Yang, Bing **W265**, **W698**, W923, P0311
 Yang, Jinzeng **P0281**
 Yang, Liming P0200
 Yang, Ning P0190, P0295, P1124
 Yang, Rong-Cai **W878**
 Yang, Shuqiong **P0296**
 Yang, Song-Yi P0114
 Yang, Songnan P0160
 Yang, Soo J. P0930
 Yang, Tae-Jin **P0370**, P0953, P0954, P0955
 Yang, Tianfu W915, P1170
 Yang, Wei P0937
 Yang, Xiangdong P1129
 Yang, Xiaodong W226
 Yang, Xiaohan W733, P0020, **P0320**
 Yang, Xiping W892, W899
 Yang, Xueming W844
 Yang, Yan W709, P0882
 Yang, Yilong **P0624**, **P0625**
 Yang, Yonghua **P0519**
 Yaniv, Elitsur P0891
 Yano, Kenji **W810**
 Yano, Kentaro P0336, P0363, **P0462**, P0463, P0500, P0737, P0741, P0743
 Yano, Ryoichi **W235**
 Yant, Levi W685
 Yao, Eric W629, P0444
 Yao, Jun P1015
 Yao, Nasser P0947
 Yao, Wen W821
 Yarnes, Shawn W516
 Yasue, Hiroshi P0042
 Yasui, Yasuo P0930
 Yates, Bethan P0372
 Yates, Shawn P0895
 Yates, Steven W400, W492
 Yazd, Zahra P0687
 Ye, Congting P0595
 Ye, Heng **W003**
 Ye, Liang P0004
 Ye, Zhujia **W672**
 Yeaman, Sam **W742**
 Yee, Muh-ching P0172
 Yeh, Cheng-Ting P0719
 Yen, Joyce P0807
 Yencho, Craig W903, W905, W906, P0947
 Yeo, Sarah W658, P0472
 Yepes, Marcela W171
 Yesiloglu, Turgut P0239
 Yeste, Marc W912
 Yet, Nguyen T. P1163, P1169
 Yi, Xiaoping P0153
 Yildirimer, Christina C. **W044**, **P1002**
 Yim, Bomie P0603
 Yim, Won Cheol **W398**, **P0020**, **P0056**, P0182, P0399, P0928
 Yimer, Sultan Mohammed **P0687**
 Yin, Hengfu P0020
 Yin, Rui P0266
 Yingling, Sara P0779
 Yocum, George P0195, **P0196**
 Yokoyama, Koji P0363, P0462
 Yonemori, Keizo W361
 Yoo, Cheol-Min **P0304**
 Yoo, Ji Hye P0315, P0316
 Yoo, Jongsu P0027
 Yoo, Shinjae P0310
 Yoocha, Thippawan W898
 Yoon, Mi-Ra P0771
 Yoon, Ung-Han W907
 Yoon, Young-Hwan P0782
 Yorke, James A W171, W352
 Yoshida, Grazyella M. **P0998**
 Yoshida, Kazunori P1018
 Yoshida, Shinya W810
 Yoshida, T. P0094
 Yoshinaga, Yuko P0222
 Yoshioka, Keiko P0808
 Yoshioka, Terutaka W147
 Yoshitsu, Yuki **P0756**
 You, Frank M. W327, W328, P0340
 You, Youngsook P0934
 Young, Amanda P1071
 Young, Jamie P0389
 Young, Nevin D. W380, P0694
 Young, Rachel **W094**, **P1070**
 Youssef, Helmy M. **W970**
 Yousouff, Jacky W121
 Yow, Ashley G. **P0244**, **P0245**
 Yu, Bianyun **P0835**, P0884
 Yu, Chang Yeon P0315, P0316
 Yu, Fengqun **P0550**
 Yu, Hangjin W709, P0882
 Yu, Hee-Ju P0540, **P0603**
 Yu, James **P0534**
 Yu, Jianming **W268**, W314, W431, W447, W454, P0118, P0708, P0719, P0723, P0724, P0894, P0974
 Yu, Jing W359, W418, W957, W960, P0354, **P0357**, P0465, P0647
 Yu, John Z. W521, **W527**
 Yu, Long-Xi **W706**, **P0699**
 Yu, Obarley W435
 Yu, Qibin **W151**, P0302, P0605, P0606
 Yu, Qingyi P0753
 Yu, Sibin W821
 Yu, Xiaona **P0542**
 Yu, Xiaoqing **W454**, P0708
 Yu, Yeisoo W821, P0954
 Yu, Yuan P0605
 Yu, Zhenming P0343
 Yuan, Daojun **W316**
 Yuan, Lei P0709
 Yuan, Li **W183**
 Yuan, Zihao **W043**, **P0982**
 Yudin, Nikolay S. P1069
 Yue, Wei **P0523**
 Yuenyong, Worawat P0212
 Yun, Yeo-Tae P0782
 Yurchenko, Andrey P1069

- Yutaka, Yamada P0161
 Yvin, Jean-Claude P0618
 Zachariah, Arun P0531
 Zafarullah, Marwa **P0538**
 Zahoor, Sarwat P0253
 Zaitlin, David W008
 Zaki, Sura P0426
 Zalapa, Juan P0629
 Zaman, Sumaira W352, **P0398**
 Zamariola, Linda W461, W785, P0716
 Zamorano, Pedro P0987, P1021
 Zarecor, Scott W143
 Zavala, Eduardo P1004
 Zdobnov, Evgeny M. C20, W195, P0452
 Zekraoui, Leila W451
 Zembower, Nicole P0593
 Zeng, Dan P0292
 Zeng, Erliang W460, **P0501, P0520, P0657, P0729**
 Zeng, Linghe P0577
 Zeng, Liping W841
 Zeng, Zhao-Bang W905, P0759
 Zeng, Zixian W397, W844, P0815
 Zerega, Nyree **W274**
 Zerjal, Tatiana P1120
 Zhai, Hong W907
 Zhang, Baohong **W378, W464, P0180, P0211, P0575, P0579**
 Zhang, Chengcheng W728
 Zhang, Chun-Liu W821
 Zhang, Dadong P0894
 Zhang, Eugene C22, P0323
 Zhang, Guoping W966, P0906
 Zhang, Guorong W709, P0882, P0897
 Zhang, Haihan W768
 Zhang, Haiying W232, W233
 Zhang, Haozhe P0708
 Zhang, Hong-Bin **P0266**, P0564, P0712
 Zhang, Hua P0127, P0135
 Zhang, Huanmin **W762**
 Zhang, Jianwei W570, **W821**
 Zhang, Jibin **P1136**
 Zhang, Jie W232, W233
 Zhang, Jinfa **P0565, P0568, P0570**
 Zhang, Jinlong P0160
 Zhang, Jinshan P0281
 Zhang, Jisen W829, W893, W898, **W900, P0751**
 Zhang, Jun P0254
 Zhang, Junli **P0862**, P0890
 Zhang, Kai W781
 Zhang, Li W671
 Zhang, Lin P0533
 Zhang, Luyan **P0440, P0494**
 Zhang, Meiping P0266, P0564, **P0710, P0712**
 Zhang, Mingyi P0825
 Zhang, Peifen **C21**
 Zhang, Qifa W821
 Zhang, Qin W595, P0035
 Zhang, Qing W900, P0751
 Zhang, Qinghua P0556
 Zhang, Shaixian W780, P1166
 Zhang, Shaoling P0242
 Zhang, ShaoYing **P0062**
 Zhang, Shirui P1164
 Zhang, Tianzhen P0580
 Zhang, Wei W435, P0103, P0165, **P0167**, P0727, P0825
 Zhang, Wenjun P0890
 Zhang, Wentao P0822, P0835, P0884
 Zhang, Xia W439
 Zhang, Xianlong P0254
 Zhang, Xiaofei **P0919**
 Zhang, Xiaoqin P0403
 Zhang, Xingguo P0550
 Zhang, Xingtian W829, W898, W900, P0751
 Zhang, Xiquan P1140
 Zhang, Xuan W447, P0723, P0724
 Zhang, Xumeng **P1165**
 Zhang, Xunzhong P0230
 Zhang, Yang **P0033**, P0138, P0281
 Zhang, Yangzi W631, W922
 Zhang, Yanjun P1156
 Zhang, Yaqun **P0198**
 Zhang, Yeting P0459
 Zhang, Yi P0605, P0606, P1063
 Zhang, Yuanyuan **P1148**
 Zhang, Yunzeng W319
 Zhang, Zaichao P1111
 Zhang, Zengyan P0894
 Zhang, Zhe W595, P0035
 Zhang, Zhihai W447, P0723, P0724
 Zhang, Zhiwu **W595, P0035**, P0460, P0483, P0492
 Zhao, Bingyu W728, P0230
 Zhao, Chunfang **P0295**
 Zhao, Guangyao **W558**
 Zhao, Hainan **W397**, P0815
 Zhao, Jixin P0851
 Zhao, Kangmei W728
 Zhao, Mingzhu P0266
 Zhao, Patrick Xuechun P0355, **P0509, P0694, P0697, P0700**
 Zhao, Shu-Hong P0475
 Zhao, Shuhong W780, P1166
 Zhao, Shutang W345
 Zhao, Ting W739, P0567, P0574
 Zhao, Xianrong W858, P0738
 Zhao, Xin P1056
 Zhao, Yu W821
 Zhao, Yunde W731
 Zhebentyayeva, Tatyana W340
 Zhen, Ying **W747**
 Zheng, Grace W396, P0074
 Zheng, Jie **P0773**
 Zheng, Jun P0718
 Zheng, Ping C19, W359, W418, P0354, P0357, P0647
 Zheng, Qian P0868
 Zhou, Adele **W681**
 Zhou, Baoliang W739, P0567, P0574
 Zhou, Binbin P0229
 Zhou, Chenxi W905
 Zhou, Dao-Xiu W821
 Zhou, Fangming W540
 Zhou, Fei P0774
- Zhou, Huaijun W304, W367, **W368, W375**, W631, **W646, W649, W755**, P0274, P0294, P1087, P1115, P1132, P1136
 Zhou, Ji **W403**
 Zhou, Jia W486
 Zhou, Jing-Jiang P0774
 Zhou, Lei P0477
 Zhou, Naihui (Ashley) W143
 Zhou, Peng P0608
 Zhou, Qian P0595
 Zhou, Suping W672, **P0043, P0805**
 Zhou, Tao W043, P1014, P1015
 Zhou, Xiang W631, W922
 Zhou, Xiao C26, P0473
 Zhou, Yan W859
 Zhou, Yang W020, W127, P1040, P1049
 Zhou, Yao **P0492**
 Zhou, Yongfeng **W488**
 Zhou, Zaihui P0773
 Zhou, Zhengkui W595, P0035
 Zhou, Zhi-Wei W821
 Zhu, Chengsong W454, P0708
 Zhu, Chuanmei P0728
 Zhu, Feng P0190
 Zhu, Huabing P0773
 Zhu, Linglong W789
 Zhu, Qiyun P0489
 Zhu, Tingting P0406, P0688, **P0833**
 Zhu, Wangsheng P0561
 Zhu, Xianwen P0825
 Zhu, Xiaobiao P0815
 Zhu, Yanming **P0659**
 Zhu, Yingde P0805
 Zhu, Yuxian **W522**
 Zhuang, Zhaohong P0694, P0700
 Zhuo, Zhu W774, **P1119**, P1138
 Zhurov, Vladimir P1111
 Zimin, Aleksey W138, W171, W351, W352
 Zimmermann, Dr Wolfgang P0050
 Zingaretti, Sonia M. **P0151**
 Zinkgraf, Matthew **W345**
 Zinkgraf, Matthew S. W343
 Zinn, David **P0471**
 Zinn, Steven P1042
 Ziraldo, Solango W396
 Ziya Motalebipour, Elmira P0622
 Zogli, Prince W585, P0644
 Zoric, Nina W041
 Zorzoli, Roxana P0804
 Zou, Jinfeng W462, P0144
 Zou, Jitao **P0868**
 Zou, Yulan P0774
 Zouine, Mohamed **W849**
 Zucchi, Maria Imaculada P0654, P0973
 Zuk, Magdalena W324
 Zuo, Chunman W729
 Zurn, Jason W663
 Zwaan, Bas J. W846, P0813
 Zwierzykowski, Zbigniew W400
 Zwyrtková, Jana P0843
 Ødegård, Jørgen **P0394**

Plant & Animal Genome XXV Conference

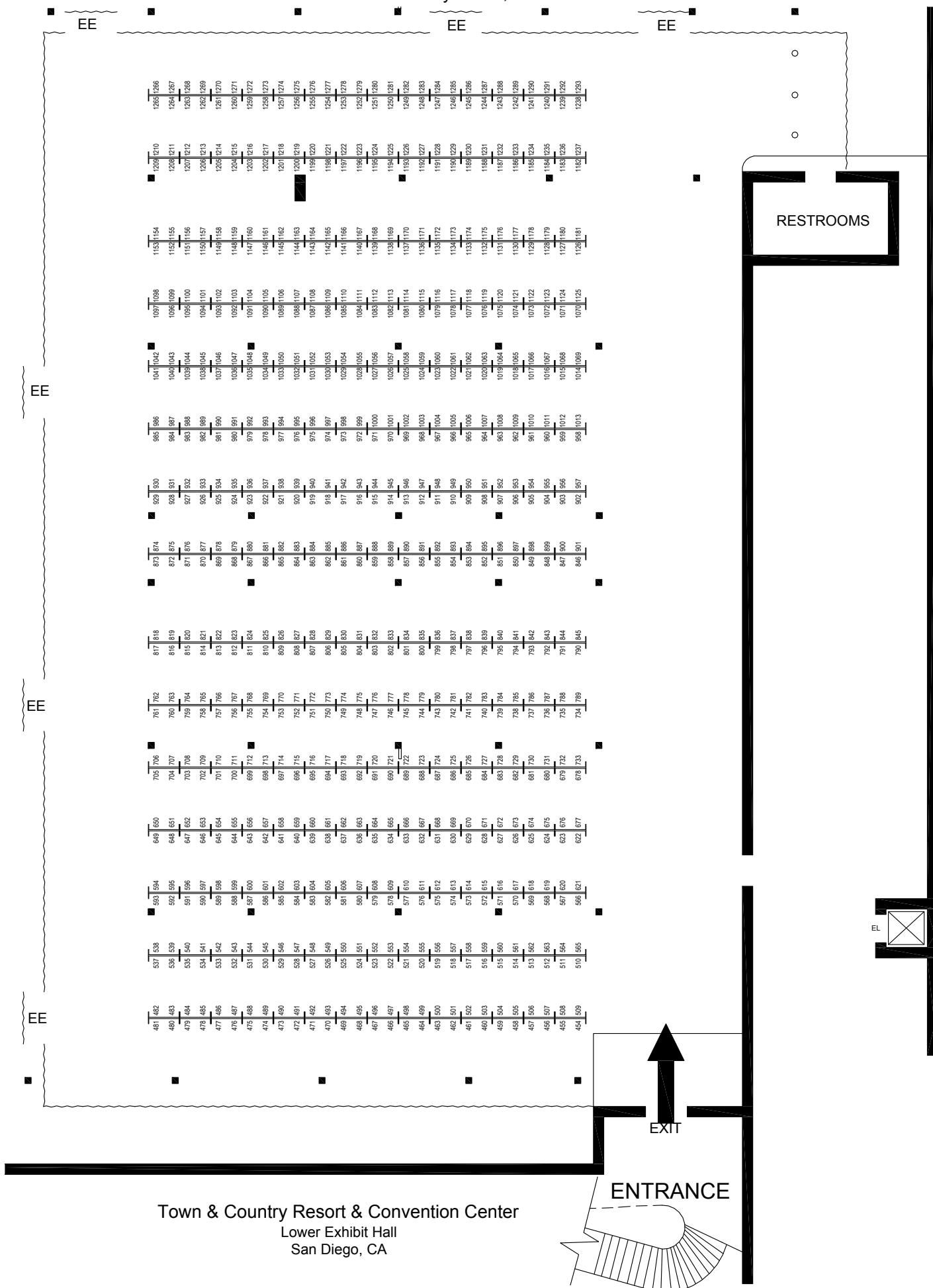
January 14-18, 2017



Town & Country Resort & Convention Center
Grand Exhibit Hall
San Diego, CA

Plant & Animal Genome XXV Conference

January 14-18, 2017



NOTES

NOTES

NOTES



← Town and Country Guests
Have Preferred Tee Time Availability.
Dial Ext 1234 for information.

- RESTAURANTS
- MEETING ROOMS
- GUESTROOMS
- POOLS
- ICE
- SOFT DRINKS
- ☒ ELEVATORS
- ACCESSIBLE SPACES
- ACCESSIBLE RESTROOMS
- ☒ ACCESS ROUTE
- ACCESSIBLE GUEST
ROOM LOCATIONS
- ROYAL PALM TOWER
- 3500 ROOMS
- ATM AUTOMATED TELLER MACHINE



Discovery together: The mysteries of genomics

Frasergen



2017, The Year of the Rooster

About Frasergen

Frasergen, an innovative leader in cutting-edge bioinformatics and genomics, providing customized contract research services and clinical genomics services in diagnosis of cancers and other genetic disorders.



Our Services

Whole Genome Assembly

Zero-gap assemblies for small genomes.
Chromosome-scale genome assemblies based on the combination of PacBio, BioNano and Hi-C technologies.

Clinical Genomics

Genetic marker panels for solid tumor prognosis prediction and drug usage guidance.
Circulating tumor cell / DNA monitoring for tumor remission and drug effectiveness.



Full Length Transcriptome

Obtain full-length transcriptome sequences without sonication and without assembly.
Combination of Iso-Seq and RNA-Seq to discover differentially expressed genes and isoforms.

3D Genomics Research

Detect chromatin structure and TADs with 4C, Hi-C and ChIA-PET techniques.
De novo genome assemblies based on chromatin interactions.

Joining Us

Frasergen, located in Biolake at the National Bioindustry Base built by the Optics Valley of China in Wuhan, is seeking ambitious talents across the globe with a passion for taking advantages of the exciting opportunities in bioinformatics, genomics, or computational biology to build and provide solutions to important problems in medicine, agriculture, and environment.

Algorithm Engineer will be responsible for designing and developing frasergen's advanced algorithms, performing genomic big data analysis with the latest methodologies, aiming to solve complex bioinformatics questions, such as genome assemblies. Candidates should have MS or PhD in bioinformatics, computational biology, computer science or related disciplines.

Director of Molecular Diagnostics will develop, validate, and certify NGS-based clinical cancer molecular diagnostic tests. Qualified candidates are meticulous individuals with a need for perfection. Candidates should have MD and/or PhD in chemistry, biology, or clinical laboratory science and a strong track record in related research areas.



support@frasergen.com

+86-27-87224696

www.frasergen.com

666 Gaoxin Road, Wuhan
East Lake High-tech Zone,
Wuhan, China

What if the solution is hidden in your data?



Find out with the
BioXM™ Knowledge Management Environment

- Expand knowledge
- Generate value from data
- Improve agricultural systems

Join us for our workshop:

Knowledge Management and Data Integration in Plant Research

Monday, January 16, 2017

6:10 PM – 8:20 PM

Town and Country, Pacific Salon 2



www.biomax.com

Visit us in
booth 109