ISMB 2010 ORGANIZATION

PROCEEDINGS COMMITTEE CHAIRS

Mona Singh, Proceedings Chair, Princeton University, USA Joel S. Bader, Proceedings Co-Chair, Johns Hopkins University, Baltimore, USA

PROCEEDINGS AREA CHAIRS

Bioimaging

Gene Myers, Howard Hughes Medical Institute, Ashburn,

Robert F. Murphy, Carnegie Mellon University, Pittsburgh, **USA**

Databases and Ontologies

Alex Bateman, Wellcome Trust Sanger Institute, Hinxton, UK Suzanna Lewis, Lawrence Berkeley National Labs, Berkeley,

Disease Models and Epidemiology

Thomas Lengauer, Max-Planck Institute for Informatics, Saarbruken, Germany

Yves Moreau, Catholic University of Leuven, Belgium

Evolution and Comparative Genomics

Dannie Durand, Carnegie Mellon University, Pittsburgh, USA Teresa Przytycka, National Institutes of Health, Bethesda, USA

Gene Regulation and Transcriptomics

Hanah Margalit, The Hebrew University of Jerusalem, Israel Eric Xing, Carnegie Mellon University, Pittsburgh, USA

Population Genomics

Eleazar Eskin, University of California, Los Angeles, USA

Eran Halperin, Tel-Aviv University, Israel

Protein Interactions and Molecular Networks

Alfonso Valencia, Spanish National Cancer Research Centre, Madrid, Spain

Roded Sharan, Tel-Aviv University, Israel

Protein Structure and Function

Bonnie Berger, Massachusetts Institute of Technology, Cambridge, **USA**

Nir Ben-Tal, Tel-Aviv University, Israel

Sequence Analysis

Michael Brudno, University of Toronto, Canada

Cenk Sahinalp, Simon Fraser University, Vancouver, Canada

Text Mining

Andrey Rzhetsky, University of Chicago, USA Hagit Shatkay, Queen's University, Kingston, Canada

Other Bioinformatics Applications

Philip Bourne, University of California, San Diego, USA Barb Bryant, Constellation Pharmaceuticals, Cambridge, USA

Cvnthia Adams Edo Airoldi Stuart Aitken Tatsuya Akutsu Mario Albrecht Can Alkan Patrick Aloy Andre Altmann Steven Altschuler Claus Andersen Alberto Apostolico Alan Aronson Kiyoshi Asai Terri Attwood Manfred Auer Rolf Backofen Joel Bader Ivet Bahar

Jim Balhoff

Nuno Bandeira

Ziv Bar-Joseph

Alex Bateman

Serafim Batzoglou

Niko Beerenwinkel

Kimberly Begley

Asa Ben-Hur

Nir Ben-Tal

Andreas Beyer Jadwiga Bienkowska Inanc Birol Mathieu Blanchette Christian Blaschke Christoph Bock Olivier Bodenreider Erich Bornberg-Bauer Philip Bourne Phil Bradley Michael Brent Alan Bridge Yana Bromberg **Brian Browning** Michael Brudno Barbara Bryant Jeremy Buhler Ralf Bundschuh Albert Burger Harmen Bussemaker Atul Butte Chris Bystroff Enrico Capobianco

Rita Casadio

Tanva Berardini

Bonnie Berger

Sabine Bergler

Roger Chang Wendy Chapman Cedric Chauve Gal Chechik Jeff Christiansen Michele Clamp Hilary Clark Kevin Cohen

Kevin Bretonnel Cohen

Lenore Cowen Mark Craven Miklos Csuros Peter D'Eustachio Mehmet Dalkilic Antoine Danchin Thomas Dandekar Vincent Danos Gaudenz Danuser Aaron Darling Colin Dewey Frank DiMaio **Emily Dimmer** Francisco Domingues Bruce Donald Joaquin Dopazo Frank Dudbridge Roland Dunbrack

[©] The Author(s) 2010. Published by Oxford University Press.

Alan Ruttenberg

Mike Steel

Dannie Durand Carl Kingsford Teresa Przytycka Karen Eilbeck Rachel Kolodny Alan Qi Nadia El-Mabrouk Michael Krauthammer Steve Qin Charles Elkan Anthony Kusalik Jörg Rahnenführer Arne Elofsson Ben Raphael Kasper Lage

David Emmert Doron Lancet Dietrich Rebholz-Schuhmann

Jason Ernst Song Le Knut Reinert Thomas Lengauer Peter Rice Eleazar Eskin Juan Fernandez-Recio Hans-Peter Lenhof Joel Richardson Lynn Fink Suzanna Lewis Thomas Rindflesch Rob Finn Peter Robinson Jing Li Sarel Fleishman Ming Li Keith Robison Juliane Fluck Jie Liang Kathryn Roeder Lucy Forest Olivier Lichtarge Karl Rohr Dmitrij Frishman Noah Rosenberg XiaoleS. Liu Nicolas Galtier Stefano Lonardi Saharon Rosset Olivier Gevaert Ole Lund Badri Roysam Debra Goldberg Jingchu Luo Patrick Ruch Ilya Goldberg Jacek Majewski Eytan Ruppin

Michael Gromiha B.S. Manjunath Andrey Rzhetsky Dan Gusfeild Hanah Margalit Marie-France Sagot Michelle Gwinn-Giglio Florian Markowetz Cenk Sahinalp Matt Hahn Alice McHardy Denise Scholtens Udo Hahn Aiofe McLysaght Michael Schroeder Turkan Haliloglu Jason Mezey Ora Schueler-Furman Eran Halperin Gos Micklem Russell Schwartz

Ion Mandoiu

Julian Gough

Trey Ideker

Dan Halperin Benno Schwikowski Satoru Miyano Michael Hawrylycz Sean Mooney Ron Shamir Henning Hermjakob Yves Moreau Roded Sharan Tomer Hertz Alex Morozov Hagit Shatkay Winston Hide **Quaid Morris David Shotton** Solly Sieberts David Hill Norman Morrison Istvan Simon Lynette Hirschman Vince Moulton Charlie Hodgman Chris Mungall Amit Singer Robert Hoehndorf Robert F. Murphy Mona Singh Ivo Hofacker Saurabh Sinha Chad Myers Liisa Holm Eugene Myers Neil Smallheiser Ian Holmes Kenta Nakai Berend Snel Eurie Hong See-Kiong Ng Larisa Soldatova Cedric Notredame Doug Howe Ingolf Sommer Haiyan Huang John Novembre Yun Song Daniel Huson Yanay Ofran John Spouge Uwe Ohler N Srinivasan Martijn Huynen

Jens Stoye Iuliana Ionita Sandra Orchard Sorin Istrail Ivan Ovcharenko Korbinian Strimmer

Arlindo Oliveira

Lars Jensen Florencio Pazos Josh Stuart Robert Jernigan Matteo Pellegrini Fengzhu Sun Tao Jiang Hanchuan Peng **Edward Susko** Steven Jones Bengt Persson Jason Swedlow Itsik Pe'er Jeesun Jung Amos Tanay Igor Jurisica Ron Pinter Haixu Tang Hua Tang Tamer Kahveci Julia Ponomarenko Hyun Min Kang Sylvain Poux Glen Tesler Tommy Kaplan Prevost Maya Topf Rachel Karchin Silvio Tosatto Alkes Price John Kececioglu Andreas Prlic Anna Tramontano Warren Kibbe Natasa Przulj Koji Tsuda

Junichi Tsujii Jian Wang Wei Wu Greg Tucker-Kellogg Wyeth Wasserman Yufeng Wu Esko Ukkonen Louis Wehenkel Lei Xie Alfonso Valencia Tao Wei Li Xie Gabriel Valiente Bertram Weiss Eric Xing Kimberly van Auken Simon Whelan Jinbo Xu Kristel Van Steen John Wilbur Zohar Yakhini Roel Verhaak Yuri Wolf Esti Yeger-Lotem Karin Verspoor Haim Wolfson Hong Yu Jean-Philippe Vert Limsoon Wong Alex Zelikovsky Allegra Via Stephen Wong Michael Zhang Martin Vingron Valerie Wood Yang Zhang Christine Voisey Chris Workman Hongyu Zhao Jerome Waldispuhl Jonathan Wren Jasmine Zhou Michael Walker Lani Wu Etay Ziv

PROCEEDINGS-SUB REVIEWERS

Steven Altschuler Todd A. Gibson Chun-Chi Liu Ashish Anand Anthony Gitter Tien-ho Lu Iris Antes Jonathan Goeke Weijun Luo Valer Gotea William Majoros Irina Astrovskaya Chris Bailey-Kellog Assaf Gottlieb Albertoj Martin Sourav Bandyopadhyay Alexander Gusev Peter Martus Ronen Basri Iman Hajirasouliha Gabriele Mayr Tomer Benyamini Gregory Hannum Clifford Meyer Chris Bielow Dan Halperin Istvan Miklos Jadwiga Bienkowska David Hardoon Mathias Möhl Hagen Blankenburg Brian Haynes Roberto Mosca Alexander Bockmayr Sara Mostafavi Ian Holmes Marilia Braga Fereydoun Hormozdairi Sakarya Onur Dima Brinza Benjamin Horstman Roland Pache Yixuan Chen David Hoyle Pier Palamara

Han-Yu Chuang Vignesh Jagadeesh Arun-Prasad Pandurangan Tim Conrad Aruna Jammalamadaka Panagiotis Papasaikas

Federico De Masi Paul Jenkins Uta Pape Ke Deng Ci-Ren Jiang Snehit Prabhu Minghua Deng Tejal Joshi Iulian Pruteanu Frank DiMaio Lars Juhl Jensen Sebastian Radestock Gabriel Dissard Boyko Kakaradov Fidel Ramirez Emre Karakoc Mina Rho Bruce Donald Bas E. Dutilh Kamil Khatizov Frank Rügheimer Janusz Dutkowski Patrick Kunpfer Alexander Rurainski Paul Edlefsen Pradeep Koulgi Raheleh Salari Michael Kuhn Karen Eibeck Josue Samayoa Iman Hajirasouliha Dorothea Emig Emre Sargin Peter L. Erdos Fumei Lam Sven-Eric Schelhorn **Dmitry Fedorov** Roland Schwarz Sita Lange Cristina Fenollar-Ferrer Julia Lasserre Akdes Serin

Seunghak Lee Fabrizio Ferre Hyunju Lee Yoel Shkolnisk Jinguyi Li Gaston Fiore Juliane Siebourg Ori Folger Yue Lie Weronika Sikora-Wohlfeld Ari Frank Xin Li Omer Sinan Sarak Yong Li Israel Steinfeld Suzanne Gallagher Wenyaun Li Leila Taher Irit Gat-Viks

Itai Sharon

Ming-Chi Tsai

Pratim Gosh Charalampos Tsourakakis Tao Liu

Thomas Lingner

Enrico Ferraro

Stoyan Georgiev

Zhidong Tu Thomas Wächter Wei-Bung Wang Xin Wang Roland Wittler Lior Wolf Minzhu Xie Dong Xu Vladimir Yanovsky Deniz Yorukoglu Yinyin Yuan Noah Zaitlen Andreas Zanzoni Mikhail Zaslavskiy Jianyang Zeng Shihua Zhang

ISMB 2010 ORGANIZATION

CONFERENCE CHAIRS

Olga Troyanskaya, Princeton University, USA Michal Linial, The Hebrew University of Jerusalem, Israel Jill Mesirov, Broad Institute of MIT and Harvard, Cambridge, USA

STEERING COMMITTEE

Burkhard Rost, Steering Committee Chair and Highlights Committee Chair, TU Munich, Germany and Columbia University, New York, USA

Barbara Bryant, Constellation Pharmaceuticals, Cambridge, USA Janet Kelso, ISCB Conferences Committee Chair, Max-Plank-Institute for Evolutionary Anthropology, Leipzig, Germany Steven Leard, ISCB Conferences Director, Edmonton, Canada Fran Lewitter, Outreach Committee Chair, Whitehead Institute for Biomedical Research, Cambridge, USA

Michal Linial, The Hebrew University of Jerusalem, Israel BJ Morrison McKay, ISCB Executive Officer, San Diego, USA Jill Mesirov, Conference Co-chair, Broad Institute of MIT and Harvard, Cambridge, USA

Eugene W. Myers, Past Conference Chair, Howard Hughes Medical Institute, Ashburn, USA

Reinhard Schneider, ISCB Treasurer, European Molecular Biology Laboratory, Heidelberg, Germany

Mona Singh, Proceedings Chair, Princeton University, USA Olga Troyanskaya, Conference Chair, Princeton University, USA

SCIENTIFIC ORGANIZING COMMITTEE

Highlights Track: Burkhard Rost, TU Munich, Germany and Columbia University, New York, USA

Late Breaking Research: John Quackenbush, Harvard School of Public Health, Boston, USA

Posters: Yana Bromberg, Columbia University, New York, USA Proceedings Track: Mona Singh, Princeton University, USA Special Interest Groups: Hershel Safer, Rehovot, Israel Special Sessions: Michal Linial, The Hebrew University of

Special Sessions: Michal Linial, The Hebrew University of Jerusalem, Israel

Technology Track: Rodrigo Lopez, European Bioinformatics Institute, Cambridge, UK

Tutorials: Janet Kelso, Max-Planck-Institute for Evolutionary Anthropology, Leipzig, Germany

Workshop Track: Jill Mesirov, Broad Institute of MIT and Harvard, Cambridge, USA

HIGHLIGHTS COMMITTEE

Burkhard Rost, Committee Chair, TU Munich, Germany and Columbia University, New York, USA

Reinhard Schneider, Committee Co-Chair, European Molecular Biology Laboratory, Heidelberg, Germany

Nir Ben-Tal, Tel-Aviv University, Israel

Eric Bongcam-Rudloff, Uppsala University, Sweden

Terry Gaasterland, University of California, San Diego, USA

Ivo Hofacker, University of Vienna, Austria

Trey Ideker, University of California, San Diego, USA

Toni Kazic, University of Missouri, Columbia, USA

Janet Kelso, Max-Planck-Institute for Evolutionary Anthropology, Leipzig, Germany

Michal Linial, The Hebrew University of Jerusalem, Israel Yanay Ofran, Bar Ilan University, Ramat-Gan, Israel David Roos, University of Pennsylvania, Philadelphia, USA Olga Troyanskaya, Princeton University, Princeton, USA Alfonso Valencia, Spanish National Cancer Research Centre, Madrid, Spain

Ralf Zimmer, University of Munich, Germany

LATE BREAKING RESEARCH COMMITTEE

John Quackenbush, Committee Chair, Harvard School of Public Health, Boston, USA

Chen Li, Harvard School of Public Health, Boston, USA
Winston Hide, Harvard School of Public Health, Boston, USA
Benjamin Haibe-Kains, Dana-Farber Cancer Institute, Boston, USA
Matt Hibbs, The Jackson Laboratory, Bar Harbor, USA
Stefan Bentink, Harvard School of Public Health, Boston, USA
Chad Myers, University of Minnesota, Minneapolis, USA
Florian Markowetz, Cambridge University, United Kingdom
Olga Troyanskaya, Princeton University, Princeton, USA
Oliver Hofmann, Harvard School of Public Health, Boston, USA
Curtis Huttenhower, Harvard School of Public Health, Boston, USA
Ivana Yang, National Jewish Health, Denver, USA
Olga Vitek, Purdue University, West Lafayette, USA
Carl Kingsford, University of Maryland, College Park, USA
Amira Djebbari, National Research Council, Ottawa, Canada

POSTERS COMMITTEE

Yana Bromberg, Committee Chair, Columbia University, New York, USA

Manisha Brahmachary, Columbia University, New York, USA Brian Chen, Columbia University, New York, USA Marco Punta, Technical University of Munich, Germany
Markus Fischer, Columbia University, New York, USA
Laszlo Kajan, Technical University of Munich, Germany
Ta-tsen Soong, Weill Medical College of Cornell University
Fabian Dey, Columbia University, New York, USA
Eugenia Lyashenko, Columbia University, New York, USA
Tobias Hamp, Technical University of Munich, Germany
Shruti Rastogi, Colombia University, New York, USA
Nikolay Samusik, Max Planck Institute for Molecular and Cell
Biology, Dresden, Germany

Avner Schlessinger, University of California, San Francisco, USA

SPECIAL INTEREST GROUPS COMMITTEE

Hershel Safer, Committee Chair, Rehovot, Israel Mike Cherry, Stanford University, USA Joaquin Dopazo, Prince Felipe Research Centre, Valencia, Spain Jill Mesirov, Broad Institute of MIT and Harvard, Cambridge, USA

STUDENT COUNCIL SYMPOSIUM

Thomas Abeel, SCS6 Chair, Ghent University, Belgium Magali Michaut, SCS6 Co-chair, University of Toronto, Canada Chris Klijn, Program Chair, The Netherlands Cancer Institute, Amsterdam, The Netherlands

Jeroen de Ridder, Fundraising, Delft University of Technology, The Netherlands

Phil Hyoun Lee, Speakers and Social Events Chair, Harvard Medical School, Boston, USA

Venkata P. Satagopam, Marketing and Website Chair, European Molecular Biology Laboratory, Heidelberg, Germany

Avinash K. Shanmugam, Conference Booklet Chair, University of Michigan, Ann Arbor, USA

TECHNOLOGY TRACK COMMITTEE

Rodrigo Lopez, Committee Chair, European Bioinformatics Institute, Cambridge, UK

Steven Leard, ISCB Conferences Director, Edmonton, Canada

TRAVEL FELLOWSHIPS COMMITTEE

Guilherme Oliveira, Committee Chair, Genomics and Computational Biology Group, Fiocruz, Brazil

Fernan Aguero, University of San Martin, Beunos Aires, Argentina Alan Christoffels, South African National Bioinformatics Institute, Bellville, South Africa

Joao Carlos Setubal, Virginia Bioinformatics Institute, Blacksburg, USA

Michael Brudno, University of Toronto, Canada Worachart Sirawaraporn, Mahidol University, Bangkok, Thailand

TUTORIALS COMMITTEE

Janet Kelso, Committee Chair, Max-Planck-Institute for Evolutionary Anthropology, Leipzig, Germany

Fran Lewitter, Whitehead Institute for Biomedical Research, Cambridge, USA

ART AND SCIENCE COMMITTEE

Milana Frenkel-Morgenstern, Committee Chair, Spanish National Cancer Research Centre, Madrid, Spain

Noura Chelbat, Johannes Kepler University, Linz, Austria Nils Gehlenborg, European Bioinformatics Institute, Cambridge, IIK

Magali Michaut, University of Toronto, Canada

Venkata Satagopam, European Molecular Biology Laboratory, Heidelberg, Germany