



POSTER NUMBER LIST

ORDERED ALPHABETICALLY BY POSTER TITLE
GROUPED BY THEME/TRACK - EXCLUDING ABSTRACTS

THEME/TRACK: DATA

Poster numbers: P_Da001 - 131

Application posters: P_Da001 - 041

Poster number	EasyChair number	Presenting author	Title	Theme/track	Topics
APPLICATION POSTERS WITHIN DATA THEME					
P_Da001	773	Benoît Carrères	A systems approach to explore triacylglycerol production in <i>Neochloris oleoabundans</i>	Data/ Application poster	Application
P_Da003	723	Eija Korpelainen	Bioinformatics resources on EGI Federated Cloud	Data/ Application poster	Application
P_Da004	779	Mascha Jansen	Bring Your Own Data (BYOD) workshops to make life science data linkable at the source	Data/ Application poster	Application Fundamental
P_Da006	417	Ken Tominaga	Classification of digital pathological images using Virtual Adversarial Training with an effective GUI annotation system	Data/ Application poster	Application
P_Da007	506	Raik Otto	Comparing characteristic genomic variants allows reliable in-silico identification of Next-Generation sequenced Cancer Cell Line samples	Data/ Application poster	Application Biotechnology
P_Da008	735	Arnaud Meng,	De novo transcriptome assembly dedicated pipeline and its specific application to non-model, marine planktonic organisms	Data/ Application poster	Application
P_Da009	364	Felipe Albrecht	DeepBlue: Diving into Epigenomic Data	Data/ Application poster	Application Fundamental
P_Da010	579	Dong-Gi Lee	Disease Causality Extraction from PubMed Literatures	Data/ Application poster	Application
P_Da012	363	Luca Beltrame	Distributed file systems for storage and analysis of Next-Generation Sequencing data	Data/ Application poster	Application Fundamental
P_Da013	809	Tilo Buschmann	DNA Barcodes Adapted to the Illumina Sequencing Platform	Data/ Application poster	Application
P_Da014	584	Gokhan Ertaylan	Estimating real cell size distribution from cross section microscopy imaging	Data/ Application poster	Application Fundamental Health
P_Da015	828	Johannes Köster	Fully reproducible data analyses with Snakemake and Bioconda	Data/ Application poster	Application
P_Da016	712	Maryam Soleimani Dodaran	Identification of candidate methylation sites predictive for resistance to tamoxifen treatment using survival analysis of the TCGA breast cancer cohort	Data/ Application poster	Application Health
P_Da017	385	Andreas Andrusch	Identification of pathogen sequences in NGS datasets	Data/ Application poster	Application
P_Da018	528	Jorge Muñoz	Improving Confidence Masks to Estimate Genome CNAs Using SNP Array Data	Data/ Application poster	Application
P_Da019	470	Wibowo Arindrarto	Integrated Tracking of Next Generation Sequencing Pipeline Metrics	Data/ Application poster	Application
P_Da020	558	Youri Hoogstrate	Integration of EGA secure data access into Galaxy	Data/ Application poster	Application ELIXIR Fundamental
P_Da021	741	Junehawk Lee	Machine learning based genetic variant filtration for detecting low-frequency somatic mutations	Data/ Application poster	Application
P_Da022	755	Girolamo Giudice	MAGNETO: augmented functionAI analysis through protein interaction network	Data/ Application poster	Application Fundamental
P_Da023	780	Bernd van der Veen	MatchMiner - An open computational platform for matching patient-specific genomic and clinical profiles to precision cancer medicine clinical trials.	Data/ Application poster	Application
P_Da024	830	Davide Albanese	MICCA 1.X: a state-of-the-art pipeline for amplicon-based metagenomic data processing.	Data/ Application poster	Application
P_Da025	703	Duong Vu	Multilevel clustering for massive biological data	Data/ Application poster	Application
P_Da026	503	Ian Harrow	Ontologies Guidelines for Best Practice and a Process to Evaluate Existing Ontologies Mapping Tools	Data/ Application poster	Application
P_Da027	738	Artaza Haydee	PLSCO: A Performance Indicators Framework for Collection of Biological Resource Metrics	Data/ Application poster	Application
P_Da028	715	John Santerre	Platform Based Machine Learning for AMR	Data/ Application poster	Application Biotechnology
P_Da029	593	Yonghyun Nam	Prediction algorithm for multi-layered structure of omics	Data/ Application poster	Application
P_Da030	690	Jesse Cj van Dam	RDF2Graph a tool to recover, understand and validate the ontology of an RDF resource	Data/ Application poster	Application
P_Da031	516	Dushyant Dudhagara	Response surface methodology and artificial neural network modeling for fluoranthene degradation using <i>Mycobacterium litorale</i>	Data/ Application poster	Application Biotechnology
P_Da032	794	Christian Ruckert	Sciobase: A platform for the evaluation of variants from next-generation-sequencing experiments	Data/ Application poster	Application
P_Da033	869	Seonho Kim	Spatial and Contextual EEG information learning for the Diagnosis of Alcoholism	Data/ Application poster	Application
P_Da034	677	Tammi Vesth	The Aspergillus Mine - publishing bioinformatics	Data/ Application poster	Application Biotechnology Fundamental
P_Da035	863	Fabio Rinaldi	The Bio Term Hub: an integrated resource of biomedical terminology	Data/ Application poster	Application Fundamental
P_Da036	710	Theo Knijnenburg	The ISB Cancer Genomics Cloud	Data/ Application poster	Application
P_Da037	454	Georg Summer	The Network Library: A Framework to Rapidly Integrate Network Biology Resources	Data/ Application poster	Application Health
P_Da038	754	Johanna McEntyre	The THOR project: Integrating persistent identifiers such as ORCIDs in life sciences data resources	Data/ Application poster	Application
P_Da039	441	Kumar Parijat Tripathi	Transcriptator: a user-friendly graphical interface to functionally characterize novel transcripts and identify non-coding RNA.	Data/ Application poster	Application Biotechnology

P_Da040	848	Jennifer Leclaire	triMS5 - storing LC-IMS-MS data sets in HDF5	Data/ Application poster	Application
P_Da041	482	Parham Solaimani Kartalaei	Using R language based bioinformatic workflows as Product-as-a-Service	Data/ Application poster	Application
OTHER POSTERS WITHIN DATA THEME					
P_Da042	415	Daniela Börnigen	A genetic evaluation of multiple cardiovascular risk factors in the European population	Data poster	Health
P_Da043	432	Lingjian Yang	A network-based approach to derive hypoxia gene signature for bladder cancer patients	Data poster	Health
P_Da044	580	Fotis Psomopoulos	A pan-genome approach and application to species with photosynthetic capabilities	Data poster	Fundamental
P_Da045	655	Andrian Yang	A quick and flexible transcriptomic feature quantification framework on the cloud	Data poster	Fundamental
P_Da046	555	Krzysztof Mnich	A robust approach for discovery of synergistic variables	Data poster	Fundamental
P_Da047	514	Christian Wunsch	AML-Varan – a web-based platform to display and analyze genomic variants from targeted Next-generation sequencing data in clinical practice	Data poster	Health
P_Da048	798	Francesca Mulas	Analysis of Single Cells on a Pseudotime Scale along postnatal pancreatic beta cell development	Data poster	Biotechnology
P_Da049	561	Agnes Hotz-Wagenblatt	Are you missing important variant information with whole exome sequencing due to coverage problems?	Data poster	Fundamental
P_Da050	384	Seyed Ziaeddin Alborzi	Associating Gene Ontology Terms with Protein Domains	Data poster	Fundamental
P_Da051	550	Lilit Nersisyan	Association of telomere length with epigenetic regulation of gene expression	Data poster	Health
P_Da052	585	Sarah Elshal	Beegle 2.0: Yes! We can start from literature mining and end up with disease-gene discovery	Data poster	Biotechnology
P_Da053	395	Sascha Losko	Beyond Silos: Knowledge Management as the Key to Operational Excellence in Genetic Engineering	Data poster	Biotechnology
P_Da054	737	Bas Stringer	BLASTing the Semantic Web	Data poster	Fundamental
P_Da055	859	Sjoerd M. H. Huisman	BrainScope: interactive visual analysis of brain-wide genome-wide expression data	Data poster	Fundamental
P_Da056	671	Jaak Simm	Broker Macau: joint model building with privacy preservation	Data poster	Health
P_Da057	813	Aurelie Martin	Characterization and bioinformatic analysis of a prostate cancer multi-scale network: Gene co-expression, mutome, interactome	Data poster	Fundamental Health
P_Da058	840	Matteo Manica	CoDON, a learning framework for linking genomics and transcriptomics data to protein expression	Data poster	Fundamental
P_Da059	390	Nirupama Benis	Commonalities and differences in gut mucosal responses upon exposure to different classes of stimuli	Data poster	Agro-Food
P_Da060	539	Michael J. Pesavento	Comparison of vascular networks from high resolution 3D whole organ microscopic analysis	Data poster	Biotechnology
P_Da061	545	Charles Labuzzetta	Complementary Feature Selection from Alternative Splicing Events and Gene Expression for Phenotype Prediction	Data poster	Health
P_Da062	767	Kyoko Watanabe	Comprehensive functional annotation of GWAS risk loci and candidate gene selection	Data poster	Fundamental
P_Da063	465	Byungwook Lee	Construction of database server for Korean patented biological sequences	Data poster	Biotechnology
P_Da064	664	E.J. Blom	CropPedia – Integrated database and software interface for gene lead discovery and accelerated breeding	Data poster	Agro-Food
P_Da066	330	Daniela Borgmann	Dementia Classification and Recognition Based on Neuropathological, Haematological, and Genetic Data	Data poster	Health
P_Da067	844	Aideen Roddy	Development of computational models to study mechanisms of tumour evolution for therapeutic vulnerabilities	Data poster	Health
P_Da068	317	Jean-Fred Fontaine	Disease enrichment analysis for gene sets based on co-occurrences in the literature	Data poster	Fundamental
P_Da069	656	Amin Allahyar	Disease specific network with application in network based outcome prediction	Data poster	Health
P_Da070	612	Young Soo Song	Dissecting the Role of IgG Subclasses and Complement in Membranous Lupus Nephritis and Primary Membranous Nephropathy	Data poster	Health
P_Da071	397	Muhammad Ammad-Ud-Din	Drug response prediction by inferring pathway-response associations with Kernelized Bayesian Matrix Factorization	Data poster	Health
P_Da072	706	Lara Schneider	DrugTargetInspector: An assistance tool for patient treatment stratification	Data poster	Health
P_Da073	553	Asta Laiho	EBSEA: An Exon Based Strategy to Find Differentially Expressed Genes from RNA-seq Studies	Data poster	Fundamental
P_Da074	634	Witold Rudnicki	Efficient Exhaustive Search for Synergistic Informative Variables	Data poster	Fundamental
P_Da075	352	Boris Simovski	Enabling Docker Packaged Tools for HPC	Data poster	Fundamental
P_Da076	587	Veronika Weyer-Elberich	Exploring cell type deconvolution by a weighted regression approach for the resulting groups	Data poster	Health
P_Da077	623	Alfonso Muñoz-Pomer Fuentes	Expression Atlas: Functional Genomics Resource at EMBL-EBI	Data poster	Health
P_Da078	808	Peter Walgemoed	Genomic data curation by design	Data poster	Health
P_Da079	536	Manuel Corpas	Genomic data projects around the world: how to find data for your research	Data poster	Biotechnology
P_Da080	464	Kedar Tatwawadi	GTRAC: Fast retrieval from compressed collections of genomic variants	Data poster	Biotechnology
P_Da081	510	Valentin Voillet	Handling Missing Rows in Multi-Omics Data Integration: Multiple Imputation in Multiple Factor Analysis Framework	Data poster	Agro-Food
P_Da082	400	Chantiriolt-Andreas Kapourani	Higher order methylation features for clustering and prediction in epigenomic studies	Data poster	Fundamental
P_Da083	795	Vsevolod Makeev	HOCOMOCO: data integration for building collection of reliable transcription factor binding sites models	Data poster	Fundamental
P_Da084	277	Nick Juty	Identifiers.org: services towards interoperability	Data poster	Fundamental
P_Da085	751	Sebastien Tourlet	iFIT: an integrative Bioinformatics platform for biomarker and target discovery. A case study in neuroendocrine tumors.	Data poster	Fundamental Health
P_Da086	340	Sean Robinson	Incorporating interaction networks into the determination of gene hits with Markov random fields	Data poster	Fundamental
P_Da087	321	Morihiro Hayashida	Integer linear programming approach to median and center strings for a probability distribution on a set of strings	Data poster	Fundamental
P_Da088	372	Vitor C. Piro	Integrating metagenome analysis tools to improve taxonomic profiling and organism identification	Data poster	EcosystemsHealth
P_Da089	833	Jun Cheng	Integrative analysis of mRNA half-life cis-regulatory elements	Data poster	Fundamental
P_Da090	860	Yongsoo Kim	Integrative soft multi-way clustering of pan-cancer cell line data to identify context-specific regulation in cancer genome	Data poster	Fundamental

P_Da092	595	Ben C Stöver	JPhyloIO: A Java library for event-based reading and writing of different alignment and tree formats through one common interface	Data poster	Fundamental
P_Da093	782	Mira Valkonen	Learning based detection of early neoplastic changes in histological images	Data poster	Biotechnology
P_Da094	469	Ryohei Suzuki	Learning High-level Features of Pathology Images Using Multi-Resolution Convolutional Auto-Encoders	Data poster	Fundamental
P_Da095	827	Neetika Nath	Lipoinformatics – machine learning approach to study lipid profiles	Data poster	Biotechnology Health
P_Da096	639	Borong Shao	Lung Cancer Prognosis Classification - the Effect of Data Types, Feature Transformation, Classifiers and Threshold	Data poster	Health
P_Da098	610	Fanny Georgi	MorphoSphere: A deep learning framework to score cancer cell proliferation and oncolytic virus efficacy in spheroid models	Data poster	Health
P_Da099	448	Dalia Cohn-Alperovich	Mutual enrichment in aggregated ranked lists with applications to gene expression regulation	Data poster	Fundamental
P_Da100	687	Perla Aurora Troncoso Rey	Network assisted combined analysis of transcriptomics and metabolomics data	Data poster	Health
P_Da101	312	Susanne Schaller	New Developments in ImmunExplorer: From NGS Data Over Machine Learning To Health State Prediction	Data poster	Health
P_Da102	341	Kees van Bochove	Open Source Development Success through collaboration: SmartIR in transSMART	Data poster	Biotechnology
P_Da103	724	Dilip Durai	Optimal normalization of sequence data for de novo transcriptome assembly	Data poster	Fundamental
P_Da104	668	Robbin Bouwmeester	Penalizing miRNA-mRNA correlations based on their association likelihood improves enrichment of relevant terms in B-cell differentiation	Data poster	Biotechnology
P_Da105	410	Allaksei Vasilevich	Phenotypic space as benchmark of cells fate	Data poster	Biotechnology
P_Da106	407	Electra Tapanari	Plant RNA-Seq data in the Track Hub Registry	Data poster	Agro-Food
P_Da107	816	Rabie Saidi	PredComp: A tool for comparing and benchmarking protein annotation predictions against UniProtKB	Data poster	Agro-Food Application Biotechnology Health
P_Da108	659	Martin Strazar	Predicting alternative splicing from contextual information on splicing factors	Data poster	Fundamental
P_Da109	451	Wojciech Lesinski	Predicting Arrhythmia with Random Forest	Data poster	Health
P_Da110	366	Sofia Papadimitriou	Predicting digenic variant effects with DIDA	Data poster	Health
P_Da111	471	Hiroki Konishi	Prediction of antigen-specific immunoglobulins from amino acid sequences using semi-supervised deep learning.	Data poster	Biotechnology
P_Da112	399	Konstantin Okonechnikov	Qualimap 2: advanced multi-sample quality control for high-throughput sequencing data	Data poster	Application Biotechnology Fundamental
P_Da113	318	Jan Koster	R2: Accessible online genomics analysis and visualization platform for biomedical researchers	Data poster	Fundamental
P_Da114	876	Katerina Taškova	Rank aggregation-based prioritization of drug-response genes in toxicogenomic data	Data poster	Health
P_Da115	478	Nicola Lazzarini	RGIFE: a ranked guided iterative feature elimination heuristic for biomarkers identification	Data poster	Fundamental
P_Da116	350	Eugenia Galeota	SEMANTIC AWARE RETRIEVAL AND INTEGRATION OF PUBLIC (EPI)GENOMICS METADATA	Data poster	Fundamental
P_Da117	547	Gurnoor Singh	Semantic-mining of QTL tables in scientific articles for trait lead discovery	Data poster	Agro-Food
P_Da118	732	Richard Lupat	Seqliner: software framework for managing and developing sustainable bioinformatics analysis pipelines in a production environment	Data poster	Health
P_Da131	416	Thanh Le Van	Simultaneous discovery of cancer subtypes and subtype features by molecular data integration	Data poster	
P_Da119	819	Adem Bilican	Systems Biology of forgetting in Drosophila	Data poster	Health
P_Da120	449	Chul Kim	The correlation analysis between the user search trends and prescription usage in the traditional Korean medicine	Data poster	Health
P_Da122	518	Małgorzata Wnętrzak	The impact of crossover operator on the genetic code optimization performed by Evolutionary Algorithms	Data poster	Fundamental
P_Da123	684	Lea A.I. Vaas	The ND4BB Information Centre – general concept and technical challenges	Data poster	Health
P_Da125	619	Sam Nicholls	Towards an algorithm for extracting exciting enzymes from metagenomic data sets	Data poster	Fundamental
P_Da126	492	Todd Taylor	Turning 'big data' into 'small data' through crowdsourced curation: integrating all types of scientific knowledge	Data poster	Biotechnology
P_Da127	525	Marie-Dominique Devignes	Using Content-Based Filtering to Infer Direct Associations between the CATH, Pfam, and SCOP Domain Databases	Data poster	Fundamental
P_Da128	379	Markus List	Using Docker compose for the simple deployment of an integrated high-throughput screening platform	Data poster	Biotechnology
P_Da129	574	Amjad Alkodsí	Whole-genome characterization of pre- and post-treatment high-grade serous ovarian cancer	Data poster	Health
P_Da130	873	Yana Safonova	Y-Tools, a toolkit for analysis of adaptive immune repertoires using immunosequencing data	Data poster	Health

THEME/TRACK: ELIXIR
Poster numbers: P_EI001 - 037 **ELIXIR training posters: P_EI034 - 037**

Poster number	EasyChair number	Presenting author	Title	Theme/track	Topics
P_EI001	714	Joan Segura	3DBIONOTES: Unifying molecular biology information	ELIXIR poster	ELIXIR
P_EI002	647	Chao Zhang	A Systematic Solution to Map Processed Data in transSMART to Raw Data in Multiple Repositories	ELIXIR poster	ELIXIR
P_EI003	811	Jon Ison	bio.tools : tools & data services registry	ELIXIR poster	ELIXIR
P_EI004	744	Carlos Horro	BioCIDER: a Contextualisation InDEX for biological Resource discovery	ELIXIR poster	ELIXIR
P_EI005	820	Matúš Kalaš	BioXSD BioJSON BioYAML - Integrated formats for sequence data	ELIXIR poster	ELIXIR
P_EI006	807	Aravind Venkatesan	Bridging literature and data using text-mined annotations in Europe PMC	ELIXIR poster	ELIXIR
P_EI007	836	Arlindo Oliveira	Business Model Canvas for ELIXIR	ELIXIR poster	ELIXIR
P_EI008	818	Andrew Smith	CORBEL - Harmonisation of access to Europe's biomedical research infrastructures	ELIXIR poster	ELIXIR
P_EI009	772	Rob Hooft	Data Management Planning in ELIXIR	ELIXIR poster	ELIXIR

P_EI010	770	Janet Piñero	disgenet2r: An R package to explore the molecular underpinnings of human diseases	ELIXIR poster	ELIXIR
P_EI011	838	Maxim Scheremetjew	EBI's Metagenomics Pipeline: Moving towards cloud computing	ELIXIR poster	ELIXIR
P_EI012	785	Premysl Velek	ELIXIR Authentication and authorization infrastructure	ELIXIR poster	ELIXIR
P_EI013	867	Alfonso Valencia	ELIXIR-EXCELERATE WP2 Activities	ELIXIR poster	ELIXIR
P_EI014	806	Susanna Repo	ELIXIR-EXCELERATE: accelerating the implementation of ELIXIR	ELIXIR poster	ELIXIR
P_EI015	861	Salvador Capella-Gutiérrez	ELIXIR-Spain: Activities overview and future perspectives in the context of ELIXIR-EXCELERATE	ELIXIR poster	ELIXIR
P_EI016	34	John Hancock	ELIXIR-UK	ELIXIR poster	ELIXIR
P_EI017	683	Magnus Palmblad	Functional software annotation and automatic workflow generation for mass spectrometry data processing	ELIXIR poster	ELIXIR
P_EI018	805	Michael Dondrup	LiceBase – a species focused resource for sea lice – including an RNAi LIMS and tools for data analysis and genome annotation	ELIXIR poster	ELIXIR
P_EI019	726	Karel Berka	MOLE 3.0 – remastered tool for detection and analysis of functionally important "void spaces" within biomacromolecules	ELIXIR poster	ELIXIR
P_EI020	666	Klaas Vandepoele	PLAZA 3.0: an access point for comparative and regulatory genomics in plants	ELIXIR poster	ELIXIR
P_EI021	429	Konstantinos D. Tsirigos	PRED-TMBB2: Improved topology prediction and detection of beta-barrel outer membrane proteins	ELIXIR poster	ELIXIR
P_EI022	713	Andrew Nightingale	Protein Data Services and Feature Viewer Enabling Knowledge Driven Research	ELIXIR poster	ELIXIR
P_EI024	534	Pantelis Bagos	Recent updates in the Database of Outer Membrane Proteins (OMPdb) in 2016	ELIXIR poster	ELIXIR
P_EI025	740	Diana Domanska	Software Provisioning Inside a Secure Environment as Docker Containers using STROLL File-system	ELIXIR poster	ELIXIR
P_EI026	866	Jiri Vondrasek	Structural Bioinformatics and Cheminformatics - the major focus of the Czech ELIXIR Node	ELIXIR poster	ELIXIR
P_EI027	829	Niall Beard	Structured Data for Life Science using Schema.org	ELIXIR poster	ELIXIR
P_EI028	831	Herve Menager	The EDAM Ontology	ELIXIR poster	ELIXIR
P_EI029	786	Serena Scollen	The ELIXIR Beacon Project	ELIXIR poster	ELIXIR
P_EI030	871	Sveinung Gundersen	The GTrack ecosystem - expressive file formats for analysis of genomic track data	ELIXIR poster	ELIXIR
P_EI031	762	Frederic B. Bastian	TopAnat : a new way to understand genomics results using gene expression enrichment in anatomy	ELIXIR poster	ELIXIR
P_EI032	784	Natalie Dawson	Using CATH-Gene3D to explore the impacts of disease-induced genetic variations	ELIXIR poster	ELIXIR
P_EI033	477	Eric Bonnet	WBS: a computational pipeline for the treatment of whole-genome high-throughput bisulfite sequencing data	ELIXIR poster	ELIXIR

ELIXIR/TRAINING

P_EI/Tr034	339	Louisa Bellis	Assessing the impact(s) of international bioinformatics & computational biology training within ELIXIR & BD2K	ELIXIR/Training poster	ELIXIR Training
P_EI/Tr035	841	Maja Zagorščak	Node collaboration through the ELIXIR e-learning platform – follow up	ELIXIR/Training poster	ELIXIR Training
P_EI/Tr036	822	Terri Attwood	TeSS - The Life Science Training Portal	ELIXIR/Training poster	ELIXIR Training
P_EI/Tr037	617	Bjoern Gruening	The de.NBI Training Network	ELIXIR/Training poster	ELIXIR Training

THEME/TRACK: GENES

Poster numbers: P_Ge001 - 062

Application posters: P_Ge001 - 004

Poster number	EasyChair number	Presenting author	Title	Theme/track	Topics
APPLICATION POSTERS WITHIN GENES THEME					
P_Ge001	803	Haruka Ozaki	ATAC2NET: A pipeline for reconstructing gene regulatory network based on ATAC-Seq data	Genes/ Application poster	Application Fundamental
P_Ge003	802	Shishir Gupta	Re-annotation of the ant <i>Camponotus floridanus</i> genome, comprehensive analysis of its immune transcriptome and general reconstruction of ant interactomes	Genes/ Application poster	Application Biotechnology
P_Ge004	864	Antonio Colaprico	TCGAbiolinks: An R/Bioconductor package for integrative analysis with TCGA data	Genes/ Application poster	Application
OTHER POSTERS WITHIN GENES THEME					
P_Ge005	733	Aubin Samacoits	3D FISH image simulation framework to develop analysis method for mRNA localization	Genes poster	Biotechnology
P_Ge006	814	Tine Goovaerts	A mixture model for the omics based identification of monoallelically expressed loci and their deregulation in cancer	Genes poster	Fundamental
P_Ge007	753	Lisa Barros de Andrade E Sousa	A statistical model for epigenetic regulation of miRNAs	Genes poster	Fundamental
P_Ge008	709	Virag Sharma	A Systematic Approach to Identify Gene Losses using Genome Alignments	Genes poster	Fundamental
P_Ge009	404	Patrick van den Berg	An integrated transcriptomics and proteomics study of embryonic stem cell differentiation	Genes poster	Fundamental
P_Ge010	549	Peter-Bram 't Hoen	Analysis of PacBio full-length mRNA sequencing data uncovers widespread coupling between alternative transcription start sites, exons and polyadenylation sites	Genes poster	Fundamental
P_Ge011	467	Polewko-Klim Aneta	Application of the random forest method in identification of candidate genes in quantitative trait loci regions for adaptive immune responses of chicken	Genes poster	Agro-Food
P_Ge012	474	Brandon Malone	Bayesian Identification of Translation from Ribosome Profiling	Genes poster	Health
P_Ge013	349	Karl Koechoert	Biomarker identification in early clinical development – effective combination of hypothesis driven and data driven approaches in a clinical phase II trial assessing copanlisib activity in non-Hodgkin	Genes poster	Health
P_Ge014	362	Ivan V. Kulakovskiy	Can transcription determine mRNA translation in mammals? Digging evidence with sequence analysis.	Genes poster	Fundamental
P_Ge015	843	Sabrina Krakau	Capturing protein-RNA interaction footprints from iCLIP-seq data	Genes poster	Fundamental
P_Ge016	792	Gwenneg Kerdivel	CIMP in adrenocortical carcinomas is associated with high expression of DNMT1 and increased Wnt and Notch signaling pathways activities.	Genes poster	Health
P_Ge017	573	Oren Tzfadia	CoExpNetViz: the Construction and Visualization of Co-expression Networks	Genes poster	Biotechnology
P_Ge018	423	Josef Panek	Computational modeling of RNA secondary structure using a novel approach	Genes poster	Fundamental
P_Ge019	456	Lukasz Kreft	ConTra v3: a tool to identify transcription factor binding sites across species, update 2016	Genes poster	Biotechnology

P_Ge020	338	Maarten van Iterson	Controlling bias and inflation in epigenome- and transcriptome-wide association studies using the empirical null distribution	Genes poster	Fundamental
P_Ge021	457	Petr Nazarov	Decomposition of transcriptional signal from tumours using independent component analysis	Genes poster	Fundamental
P_Ge022	637	Konstantina Dimitrakopoulou	Deconvolution of transcriptome data from heterogeneous tissue samples	Genes poster	Health
P_Ge023	608	Kristoffer Niss	Decreased immune gene expression variation along the colon in non-inflamed mucosa of ulcerative colitis patients	Genes poster	Health
P_Ge024	409	Nicolas Nahuel Moreyra	Differential expression analysis of cold tolerance adaptation by RNA-seq de novo approach.	Genes poster	Ecosystems
P_Ge025	581	Ole Eigenbrod	Discovering molecular signatures of extreme physiology using African mole-rats	Genes poster	Fundamental
P_Ge026	708	Foivos Gypas	Discovery, annotation and abundance estimation of transcript isoforms from high-throughput sequencing data	Genes poster	Fundamental
P_Ge027	434	Yao-Ming Chang	Dynamically Genetic Program by Co-regulated TF Groups during the Pressure Overload-induced Cardiac Hypertrophy in Mice	Genes poster	Fundamental
P_Ge028	485	Aslihan Gerhold-Ay	Enhancing prediction performance by using mapping approaches for data integration of RNA-Seq and methylation data	Genes poster	Health
P_Ge029	560	Inken Wohlers	Evaluating the prediction of SNPs with effects on miRNA-mediated mRNA expression using transcriptome sequencing data	Genes poster	Health
P_Ge030	592	Michaela Bayerlova	Evaluation of gene signatures applied to expression data of cancer patient cohorts	Genes poster	Fundamental
P_Ge031	507	Jorge Langa	Exhaustive analysis of the European sardine (<i>Sardina pilchardus</i>) transcriptome: de novo assembly, annotation and expression of eleven tissues	Genes poster	Agro-Food Ecosystems
P_Ge032	852	Lorena de La Fuente Lorente	FAIR, Functional Analysis at Isoform Resolution by using long reads technologies	Genes poster	Fundamental
P_Ge033	734	Madelon Engels	First among Equals -- Discriminating Driver and Passenger Mutations	Genes poster	Health
P_Ge034	681	Anna Feldmann	From Predicting to Analyzing HIV-1 Resistance Towards Broadly Neutralizing Antibodies	Genes poster	Health
P_Ge035	757	Arlin Keo	Functional analysis of polyQ genes by examining spatial co-expression across the human brain.	Genes poster	Fundamental
P_Ge036	736	Ahmed Mahfouz	Genome-wide co-expression of steroid receptors in the mouse brain: identifying signaling pathways and functionally coordinated regions	Genes poster	Health
P_Ge037	598	Ge Tan	Genome-wide prediction of regulatory territories and target genes under complex long distance cis-regulation	Genes poster	Fundamental
P_Ge038	450	Charles-Henri Lecellier	Human enhancers associated with immune response harbor specific sequence composition, activity, and genome organization	Genes poster	Fundamental
P_Ge039	513	Konrad Zych	Improving potato breeding with computational and functional genomics	Genes poster	Agro-Food
P_Ge040	406	Saskia Trescher	In-silico Approaches for Estimating Transcription Factor Activity from Transcriptome Data	Genes poster	Fundamental
P_Ge041	487	Hyojin Kang	Integrated approach to combine RNA-seq- and Microarray-derived gene co-expression networks in Alzheimer's disease	Genes poster	Health
P_Ge042	493	Yi-Wei Lee	Integrated database for long non-coding RNA discovery, profiling, and annotation from RNA-sequencing data sets across cancers	Genes poster	Biotechnology
P_Ge043	480	Ping-Han Hsieh	Investigating the effect of similar subsequences present in assembled transcripts on RNA-seq quantification for non-model organisms	Genes poster	Fundamental
P_Ge044	468	Stefan Tomiuk	Isolation of primary human tumor cells improves culture of target cells and reduces bias in molecular analysis	Genes poster	Biotechnology
P_Ge045	788	Tareq Malas	Meta-analysis of Polycystic Kidney Disease expression profiles defines strong involvement of injury repair processes	Genes poster	Health
P_Ge046	691	Rainer König	Mixed Integer Linear Programming based machine learning approach identifies regulators of telomerase in yeast	Genes poster	Health
P_Ge047	716	Luca Santuari	Partitioning of PLETHORA target expression domains guides cell differentiation	Genes poster	Fundamental
P_Ge048	563	Tuomo Hartonen	PeakXus: A Comprehensive Peak Calling Software for ChIP-Nexus and ChIP-exo	Genes poster	Fundamental
P_Ge050	496	Chien-Yu Chen	Potential of lncRNA to regulate gene expression through promoter binding in Drosophila Melanogaster	Genes poster	Fundamental
P_Ge051	388	Christian Groß	Predicting the impact of genetic variation in livestock	Genes poster	Agro-Food
P_Ge052	646	Jairo Rocha	Ranking Putative Cancer Driver Gene Subsets	Genes poster	Health
P_Ge053	481	Audrey Michel	RiboSeq.Org for ribosome profiling data analysis and visualisation.	Genes poster	Fundamental
P_Ge054	378	Kerem Wainer Katsir	Single Cell Expression Data as a Direct Measure for Identifying Human Genes that Escape X-Inactivation	Genes poster	Fundamental
P_Ge055	479	Volodimir Olexiouk	sORFs.org: a repository of small ORFs identified by ribosome profiling	Genes poster	Fundamental
P_Ge056	387	Sivan Gershanov	Subgrouping of pediatric medulloblastoma using an integrated analysis of MicroRNA-mRNA expression profile	Genes poster	Health
P_Ge057	825	Joana P. Gonçalves	Temporally-aware discovery of regulatory cascades	Genes poster	Health
P_Ge058	250	David Holloway	TRANSCRIPTIONAL BURSTING IN DROSOPHILA DEVELOPMENT: STOCHASTIC DYNAMICS OF PAIR-RULE EXPRESSION	Genes poster	Fundamental
P_Ge059	658	Nick Dimonaco	Using Gene Ontology annotations to understand lethality phenotypes	Genes poster	Fundamental
P_Ge060	401	Deepak Karthik	Utilizing the Benford law for unravelling tissue specificity	Genes poster	Fundamental
P_Ge061	665	Djordje Djordjevic	XGSA: A statistical method for cross-species gene set analysis	Genes poster	Application Fundamental
P_Ge062	783	Joske Ubels	zPFS: a method to identify gene expression signatures to predict treatment specific survival in cancer	Genes poster	Health

THEME/TRACK: GENOMES

Poster numbers: **P_Go001 - 124**

Application posters: **P_Go001 - 011**

Poster number	EasyChair number	Presenting author	Title	Theme/track	Topics
APPLICATION POSTERS WITHIN GENOMES THEME					
P_Go001	832	Mahdi Heydari	Brownie : correcting second generation sequencing errors using de Bruijn graphs	Genomes/Application poster	Application
P_Go002	761	Roy Straver	Detection of Copy Number Aberrations in Exome Sequencing Data Based on a Within-Sample Comparison Scheme	Genomes/Application poster	Application Health
P_Go003	475	Ulrike Löber	ERV evolution - A bioinformatics pipeline to investigate retroviral integration in museum koala samples	Genomes/Application poster	Application
P_Go004	537	Anjana Ghelani,	Genome sequence annotation of virgibacillus spp BAB 3240 strain isolated saline desert soil, Gujarat, India	Genomes/Application poster	Application Biotechnology

P_Go005	393	Kshitij Tayal	GPhase: Greedy Approach for Accurate Haplotype Inferencing	Genomes/Application poster	Application
P_Go006	369	Corinne P. Oechslin	Host nucleic acid depletion method increases sensitivity of pathogen detection by metagenomics analysis in surrogate cerebrospinal fluid samples	Genomes/Application poster	Application
P_Go007	413	Yuuma Hosokawa	Identification of distinct subtypes in colorectal cancer with the survival and the primary sites	Genomes/Application poster	Application
P_Go008	535		ORCAE: A wiki-style platform enabling efficient community curation of gene and genome annotations	Genomes/Application poster	Application
P_Go009	564	Jane L. Nybo	Ortholog identification in genera of high genetic diversity and evolution	Genomes/Application poster	Application Biotechnology
P_Go010	412	Asuka Kitajima	Prognostic feature extraction in colorectal cancer by combining the gene expression data and the clinical data.	Genomes/Application poster	Application
P_Go011	705	Harmen van de Werken	SNPitty: Lightweight Shiny-Based B-Allele Frequency Web Viewer For Detecting Loss of Heterozygosity and Allelic Imbalances in Targeted Multi-Gene Panels.	Genomes/Application poster	Application Health
OTHER POSTERS WITHIN GENOMES THEME					
P_Go013	638	Husen M. Umer	A distinctive mutational pattern at CTCF motifs in cancer	Genomes poster	Fundamental
P_Go014	777	Pieter Libin	A maximum likelihood method for classifying virus sequences	Genomes poster	Health
P_Go015	721	Kartikay Chadha	A Novel Method to identify Significant DNA motifs in the human genome associated with Alzheimer's disease.	Genomes poster	Health
P_Go016	618	Matyas Pajkos	A novel motif centric protein alignment method	Genomes poster	Fundamental
P_Go017	371	Pola Smirin-Yosef	A study of normal CNV variations in Israeli population	Genomes poster	Health
P_Go018	542	Diego Chacon	Analysis of chromosomal instability in 123 breast cancer samples through integrative proteogenomics	Genomes poster	Health
P_Go019	527	Farzana Rahman	Analysis of the structure, function and evolution of caleosins: a family of multifunctional eukaryotic proteins	Genomes poster	Biotechnology
P_Go020	842	Heinz Himmelbauer	Analyzing the genomes of wild and cultivated beets	Genomes poster	Agro-Food
P_Go021	569	Annett Erkes	AnnoTALE: bioinformatics tools for identification, annotation, and nomenclature of TALEs from Xanthomonas genomic sequences	Genomes poster	Fundamental
P_Go022	484	Yanni Sun	Assemble CRISPRs from metagenomic data	Genomes poster	Fundamental
P_Go023	768	Mick Van Vlierberghe	Automated tools for the generation and interpretation of single gene trees at a broad taxonomic scale.	Genomes poster	Fundamental
P_Go024	526	Anna Ershova	AVOIDANCE OF GATC SITE AS ADAPTATION TO HORIZONTAL GENE TRANSFER IN MIXED BACTERIAL POPULATIONS	Genomes poster	Fundamental
P_Go026	373	Annika Buerger	BasicSTARRseq: a Bioconductor R-package for analyzing STARR-seq data	Genomes poster	Biotechnology
P_Go027	548	Mathu Malar C	Benchmarking the genome assembly of Phytophthora ramorum Pr102 using third generation sequencing technology	Genomes poster	Agro-Food Ecosystems Fundamental
P_Go028	771	Mattias de Hollander	Classification and binning of plant root and nodule metagenomes	Genomes poster	Agro-Food Ecosystems
P_Go029	621	Jaime Castro-Mondragon	Clustering and enrichment of Transcription Factor Binding Motifs within RSAT	Genomes poster	Fundamental
P_Go030	629	Corinna Ernst	CNV Detection on Multi Gene Panels	Genomes poster	Fundamental
P_Go031	551	Inge Kjærboelling	Co-evolution of secondary metabolite gene clusters and their host	Genomes poster	Biotechnology
P_Go032	566	Jonas Ibn-Salem	Co-regulation of paralog genes in the three-dimensional chromatin architecture	Genomes poster	Fundamental
P_Go033	344	Florian Schmidt	Combining transcription factor binding affinities with an open chromatin prior for accurate gene expression prediction	Genomes poster	Fundamental
P_Go034	411	Yuvia Alhelí Pérez-Rico	Comparative analyses of super-enhancers reveal conserved elements in vertebrate genomes	Genomes poster	Fundamental
P_Go036	515	Rudy Pelicaen	Comparative genomic analysis reveals adaptations of Acetobacter ghanensis and Acetobacter senegalensis to the cocoa bean fermentation process	Genomes poster	Agro-Food
P_Go037	324	Mirjam Rehr	Comparing alignment and assembly strategies for targeted high-throughput sequencing with barcoded amplicons	Genomes poster	Health
P_Go038	438	Dimitrios Zisis	Comparison of computational methods for 4C-seq NGS data analysis	Genomes poster	Biotechnology
P_Go039	25	Sarah Sandmann	Confident Variant Calling in NGS Data – A Mission Impossible?	Genomes poster	Health
P_Go040	729	Remi-Andre Olsen	De novo genome sequencing as a service	Genomes poster	Biotechnology
P_Go041	865	Jasmijn Baaijens	De novo viralquasispecies assembly	Genomes poster	Health
P_Go042	386	Marita A. Isokallio	Detecting purifying selection of mitochondrial DNA using a simple next-generation sequencing protocol	Genomes poster	Fundamental
P_Go043	361	Qiang Fu	Development and implementation of a transversal NGS & bioinformatics platform at the Belgian Institute of Public Health: Deployment of user-friendly pipelines for routine use	Genomes poster	Health
P_Go044	605	Martina Fischer	Differential abundance testing on the strain level in metagenomics data	Genomes poster	Health
P_Go045	443	Fatemeh Behjati Ardakani	Distinct epigenetic architectures in bidirectional promoters revealed by single cell analysis	Genomes poster	Fundamental
P_Go046	461	Anthony Mathelier	DNA shape features improve transcription factor binding site predictions in vivo	Genomes poster	Fundamental
P_Go048	346	Serghei Mangul	Dumpster diving in RNA-sequencing to find the source of every last read	Genomes poster	Biotechnology
P_Go049	823	Felix Mölder	EAGLE: an easy-to-use web-based exome analysis environment	Genomes poster	Health
P_Go050	519	Clemens Messerschmidt	Efficient and Reliable HTS Data/Sample Consistency Check based on HLA Types	Genomes poster	Health
P_Go051	662	Bartek Wilczynski	Efficient method for detection of evolutionarily conserved regulatory elements	Genomes poster	Fundamental
P_Go052	631	Sokratis Kariotis	Enhancer-gene networks for the identification of cancer driver genes affected by enhancer mutations	Genomes poster	Health
P_Go053	649	Martin Muggli	Enzyme Selection for Optical Mapping is Hard	Genomes poster	Fundamental
P_Go054	596	Teresa Szczepińska	Epigenetic marks of the chromatin 3D structure	Genomes poster	Fundamental
P_Go055	576	Alba Crespi	Establishing method selection criteria for meta-genomic sequence analysis using high-throughput sequence simulators	Genomes poster	Fundamental
P_Go056	520	Manuel Holtgrewe	Evaluation of structural variant methods for medium-sized deletions in clinical application	Genomes poster	Health
P_Go057	748	Ehsan Motazed	Exploiting Next Generation Sequencing to solve the Haplotyping puzzle in Polyploids	Genomes poster	Fundamental
P_Go058	633	Claudia Calabrese	Expression QTL mapping in a PanCancer cohort	Genomes poster	Health

P_Go059	435	Shay Ben-Elazar	Extending partial haplotypes to full genome haplotypes using Chromosome Conformation Capture data	Genomes poster	Fundamental
P_Go060	704	Franziska Metge	FUCHS - Full circle characterization using RNAseq	Genomes poster	Fundamental
P_Go061	512	Sascha Meiers	Functional impact of genomic rearrangements on chromatin organization and transcriptional regulation	Genomes poster	Fundamental
P_Go062	834	Leon Kuchenbecker	Functional T cell receptor beta-chain gene sequence discrimination using SVMs	Genomes poster	Health
P_Go063	538	Rajesh Patel	Genome sequence annotation of <i>Salinicoccus</i> sp BAB_3246 strain isolated from salt Pan, Gujarat, India	Genomes poster	Biotechnology
P_Go064	654	Alex Salazar	Genome sequencing and assembly of the biotechnology-relevant yeast strain, CENPK113-7D, using only Oxford Nanopore long-reads shows evidence for a heterogeneous population of cells	Genomes poster	Biotechnology
P_Go065	583	Jole Costanza	Genomics of chemoresistant acute myeloid leukemia	Genomes poster	Health
P_Go066	405	Ivo Pedruzzi	HAMAP - leveraging Swiss-Prot curation for the annotation of uncharacterized proteins	Genomes poster	Fundamental
P_Go067	466	Seong-Jin Park	HASV: Hadoop-Based NGS Analyzer for Predicting Genomic Structure Variations	Genomes poster	Biotechnology
P_Go068	749	Przemyslaw Szalaj	Hierarchical modeling of three-dimensional chromatin organization based on ChIA-PET data	Genomes poster	Fundamental
P_Go069	613	Oscar Torreño Tirado	High-resolution refinement of Large Scale Genomic Rearrangements using repetitions: A case study	Genomes poster	Fundamental
P_Go070	376	Alla Mikheenko	Icarus: visualizer for de novo assembly quality assessment	Genomes poster	Biotechnology
P_Go071	18	Jose Mg Izarzugaza	Identification of Known and Novel Recurrent Viral Sequences in Data from Multiple Patients and Multiple Cancers	Genomes poster	Fundamental
P_Go072	862	Barbora Hanáková	Identification of subtype specific microbiome from tumour tissue RNAseq data in colorectal cancer.	Genomes poster	Health
P_Go073	769	Ines Vlahović	Identification of the higher order repeats from <i>T.castaneum</i> to Human and Neanderthal genome using computational Global Repeat Map method	Genomes poster	Fundamental
P_Go074	781	Björn Langer	Identifying the functional role of transcription factors via phylogeny-aware discriminative sequence motif scoring	Genomes poster	Fundamental
P_Go075	408	Nan Du	Improve homology search sensitivity of PacBio data by correcting frameshifts	Genomes poster	Fundamental
P_Go076	796	Sweta Talyan	Improving the prediction of Human processed pseudogenes	Genomes poster	Fundamental
P_Go077	315	Erdogan Taskesen	Joint analysis of GWAS with epigenetic data revealed candidate markers in FTD/MND, and convergence in pathways.	Genomes poster	Health
P_Go078	594	Thies Gehrman	Karyollele specific expression in <i>Agaricus bisporus</i>	Genomes poster	Fundamental
P_Go079	517	Lionel Morgado	Learning sequence patterns of AGO-sRNA affinity from high-throughput sequencing libraries to improve functional sRNA categorization in plants	Genomes poster	Biotechnology
P_Go080	600	Kathrin Trappe	Mapping-Based Horizontal Gene Transfer Detection from Sequencing Data - Enhancing Metagenomic Approaches for Pathogen Identification	Genomes poster	Health
P_Go081	398	Maxime Hebrard	MetaTreeMap: A New Visualization of Metagenomic Phylogenetic Trees	Genomes poster	Ecosystems
P_Go082	688	Francis Blokzijl	Mutational signatures in normal adult stem cells of different human tissues	Genomes poster	Health
P_Go083	765	Nadezda Volkova	Mutational signatures of DNA repair deficiencies and cytotoxin exposures in <i>C. elegans</i>	Genomes poster	Fundamental
P_Go084	375	Natalia Szóstak	New in silico approach to assessing RNA secondary structures with non-canonical base pairs	Genomes poster	Fundamental
P_Go085	589	Sergio Díaz Del Pino	New-Venues for the visual analysis of multiple genome comparison	Genomes poster	Biotechnology
P_Go086	377	Nora Toussaint	NEXUS: supporting precision medicine with state-of-the art technologies for molecular diagnostics	Genomes poster	Health
P_Go087	342	Leelavati Narlikar	No Promoter Left Behind: New method that reveals novel promoter architectures from genome-wide transcription start sites	Genomes poster	Fundamental
P_Go088	850	Ricard Illa	Nucleosome Dynamics portal	Genomes poster	Biotechnology
P_Go089	627	Andrei Alexeevski	Nucleotide pangenome of <i>Brucella</i> highlights evolutionary events	Genomes poster	Fundamental
P_Go090	799	Giles Miclotte	OMSim: simulating optical mapping data	Genomes poster	Fundamental
P_Go091	427	Ramon Diaz-Uriarte	OncoSimulR: genetic simulation of cancer progression with arbitrary epistasis and mutator genes	Genomes poster	Fundamental
P_Go092	360	Jochem Bijlard	Open Source Development Success through collaboration: Contributions to cBioPortal	Genomes poster	Biotechnology
P_Go093	541	Matthias Scholz	Pangenome-based computational metagenomic profiling enables strain-level culture-free epidemiology and population genomics studies.	Genomes poster	Health
P_Go094	524	Cornelia Meckbach	PC-TraFF: identification of potentially collaborating transcription factors using pointwise mutual information	Genomes poster	Fundamental
P_Go095	696	Sebastian Theobald	Phylogenomic analysis of secondary metabolism genes sheds light on their evolution in <i>Aspergilli</i>	Genomes poster	Biotechnology
P_Go096	750	Anuj Kumar	Potential of miRNA-SSRs in <i>Arabidopsis thaliana</i> Genome: A Novel Class of Microsatellites	Genomes poster	Biotechnology
P_Go097	695	Sergey Spirin	PQ, a new character-based program for phylogenetic reconstruction	Genomes poster	Fundamental
P_Go098	699	Loukas Mouzos	Practical approaches for constructing bacterial population reference graphs	Genomes poster	Fundamental
P_Go099	343	Daniel Buxton	Predicting genomic regions linked to schizophrenia using the 3D architecture of the human genome	Genomes poster	Health
P_Go100	562	Andrea Gazzo	Predicting oligogenic effects using digenic disease data	Genomes poster	Fundamental Health
P_Go101	4	Debjit Ray	Predictive Pathogen Biology: Genome-Based Prediction of Pathogenic Potential and Countermeasures Targets	Genomes poster	Biotechnology
P_Go102	502	Malgorzata A Komor	Proteogenomic pipeline for identification of novel biomarkers for colorectal cancer	Genomes poster	Health
P_Go103	872	Marc Hulsman	Removing study-effects present in multi-center exome studies through a probabilistic burden statistic	Genomes poster	Fundamental
P_Go104	486	Elvis Ndah	REPARATION: Ribosome Profiling Assisted (Re-) Annotation of Bacterial genomes	Genomes poster	Biotechnology Fundamental Health
P_Go105	320	Igor Sidorov	Retrieval of genome-based information from sequence databases using hybrid homology-annotation searches: case of complete RNA virus genomes	Genomes poster	Health
P_Go106	676	Paul Kirk	Retroviruses integrate into a shared, non-palindromic DNA motif	Genomes poster	Fundamental
P_Go107	544	Tsukasa Fukunaga	Riblast: An ultrafast RNA-RNA interaction prediction method based on seed-and-extension approach	Genomes poster	Fundamental
P_Go108	839	Alexey Stupnikov	Robustness and reproducibility in transcriptomics analysis	Genomes poster	Health
P_Go109	774	Emiel Ver Loren van Themaat	Scalable genome-wide characterization of lactic acid bacteria	Genomes poster	Agro-Food Biotechnology

P_Go110	725	Francois Boyer	Search, identification and quantification of CSR junctions in high-throughput sequencing data using CSReport	Genomes poster	Fundamental
P_Go111	425	Enrique Carrillo-De Santa Pau	Searching for the chromatin determinants of hematopoiesis	Genomes poster	Health
P_Go112	500	Samuel Heron	Separation of Mixed Source RNA-Seq Reads by Comparative Genomic Processing	Genomes poster	Fundamental
P_Go113	358	Marc Sturm	SeqPurge: highly-sensitive adapter trimming for paired-end short read data	Genomes poster	Fundamental
P_Go114	731	Andrea Rodriguez-Martinez	Systems Genetics of Plasma 1H Nuclear Magnetic Resonance Metabotypes Associated with Cardiometabolic Diseases in a Lebanese Cohort	Genomes poster	Biotechnology Health
P_Go115	590	Per K. I. Wilhelmsson	TAPscan – An updated genome-wide transcription factor classification workflow	Genomes poster	Fundamental
P_Go116	522	Stefan Weckx	Taxonomic analysis of water kefir grains and liquor through shotgun metagenomics	Genomes poster	Agro-Food
P_Go117	815	Daniela Beisser	Taxonomic assignment of protist metatranscriptome sequences	Genomes poster	Ecosystems
P_Go118	611	Pawel Blazej	The influence of selection at the amino acid level on the synonymous codons usage	Genomes poster	Fundamental
P_Go119	694	Maryam Abdollahyan	Transcription Factor Binding Site-based Alignment of Conserved Non-coding Sequences	Genomes poster	Fundamental
P_Go120	348	Francesco Pezzini	Transcription factors – histones interplay in regulation of stress response genes	Genomes poster	Fundamental
P_Go121	701	Ritambhara Singh	Transfer String Kernel for Cross-Context DNA-Protein Binding Prediction	Genomes poster	Biotechnology
P_Go122	380	Tommi Rantapero	Uncovering gene regulatory basis of differential BMP4 response in breast cancer cell lines	Genomes poster	Fundamental
P_Go123	572	Jan Grau	Using intron position conservation for homology-based gene prediction	Genomes poster	Fundamental
P_Go124	440	Dmitry Ravcheev	Utilization of mucin glycoconjugates by human gut microbiota: analysis by comparative genomics	Genomes poster	Fundamental Health

THEME/TRACK: PROTEINS

Poster numbers: **P_Pr001 - 082**

Application posters: **P_Pr001 - 009**

Poster number	EasyChair number	Presenting author	Title	Theme/track	Topics
APPLICATION POSTERS WITHIN PROTEINS THEME					
P_Pr001	674	Fatemeh Abbasi	<i>A GRAPH THEORETICAL APPROACH FOR DRUG TARGET PREDICTION</i>	<i>Proteins/ Application poster</i>	<i>Application Fundamental</i>
P_Pr002	673	Changiz Eslahchi	<i>Discovering overlapped protein complexes from weighted PPI networks by removing inter-module hubs</i>	<i>Proteins/ Application poster</i>	<i>Application Fundamental</i>
P_Pr004	847	Thomas Kemmer	<i>Efficient nonlocal electrostatics computations for proteins using the Julia programming language</i>	<i>Proteins/ Application poster</i>	<i>Application</i>
P_Pr005	472	Saba Ferdous	<i>Exploration of conformational B-cell epitopes: components to peptide-based vaccines</i>	<i>Proteins/ Application poster</i>	<i>Application Health</i>
P_Pr006	326	Anoosha Paruchuri	<i>Exploring preferred amino acid mutations in cancer and discriminating driver and passenger mutations in Epidermal Growth Factor Receptor</i>	<i>Proteins/ Application poster</i>	<i>Application</i>
P_Pr007	368	Rakesh Kumar Meena	<i>In silico prediction of Okra (Abelmoschus esculentus L) encoded micro-RNAs targets, Structure prediction and Molecular docking studies for Okra yellow Vein Mosaic virus.</i>	<i>Proteins/ Application poster</i>	<i>Application Biotechnology</i>
P_Pr008	858	Pooya Zakeri	<i>Protein Fold Recognition Using Matrix Factorization Technique</i>	<i>Proteins/ Application poster</i>	<i>Application Fundamental</i>
P_Pr009	606	Dhoha Triki	<i>Study of natural resistance mechanisms of HIV protease-2 (PR2) against protease inhibitors (PI)</i>	<i>Proteins/ Application poster</i>	<i>Application Health</i>
OTHER POSTERS WITHIN PROTEINS THEME					
P_Pr010	389	Patrick Löffler	A Modular Framework to Extend Rosetta Protocols with Multistate Design	Proteins poster	Biotechnology
P_Pr011	854	Martin H Schaefer	A network of epigenetic modifiers and DNA repair genes controls tissue-specific copy number alteration preference	Proteins poster	Health
P_Pr012	483	Isaure Chauvot de Beauchene	A new fragment-based docking approach to model protein-bound ssRNA from sequence.	Proteins poster	Biotechnology
P_Pr013	824	Mark Wass	Adaptation of mammalian myosin II sequences to body mass	Proteins poster	Fundamental
P_Pr014	452	Michal Burdukiewicz	AmyloGram:a novel predictor of amyloidogenicity	Proteins poster	Health
P_Pr015	801	Julia Marchetti	Analyses of present proteins with reduce number of amino acids support the origin of first proteins from random sequences.	Proteins poster	Fundamental
P_Pr016	531	Leslie Regad	Analysis of the HIV-2 protease deformation involved by inhibitor binding	Proteins poster	Health
P_Pr017	651	Galo Ezequiel Balatti	Antimicrobial peptides mechanisms of membrane lysis and permeation by computer simulations	Proteins poster	Health
P_Pr018	693	Maria Katsantoni	Assessing functional conservation in alternative splice forms	Proteins poster	Fundamental
P_Pr019	620	Fabian Sievers	Benchmarking Multiple Protein Sequence Alignments and the Effect of Guide-Tree Topology	Proteins poster	Fundamental
P_Pr020	382	Po-Chia Chen	Biomolecular structure and dynamics via combined solution scattering experiments & atomistic simulations	Proteins poster	Fundamental
P_Pr021	460	András Szilágyi	Calculation of configurational entropy differences from conformational ensembles using Gaussian mixtures	Proteins poster	Fundamental
P_Pr025	322	Charlotte Deane	Comparison of large networks with sub-sampling strategies	Proteins poster	Fundamental
P_Pr026	365	R. Charbel Maroun	Consanguinity, genetic disease and molecular simulations	Proteins poster	Fundamental
P_Pr027	424	Olga Zanegina	Conserved DNA-protein contacts formed by TATA-box binding proteins	Proteins poster	Fundamental
P_Pr028	851	Václav Mareška	Development of the new pharmacophore model: test screening of inhibitors for COX-2 and KAT II	Proteins poster	Health
P_Pr029	601	Kenji Etchuya	Environment Factor Depending on Each Sugar Type around O-glycosylation Sites in Mammalian Proteins	Proteins poster	Fundamental
P_Pr030	355	Kliment Olechnovic	Estimation of protein structure quality using contact areas derived from the Voronoi tessellation of atomic balls	Proteins poster	Fundamental
P_Pr031	597	Maciej Pajak	Exploring spatio-temporal landscape of post-synaptic proteome diversification and functionalisation	Proteins poster	Fundamental
P_Pr033	509	Eugenia Polverini	HIGH STRUCTURAL AND FUNCTIONAL CONSERVATION BUT DIFFERENT LIGAND UPTAKE: THE ROLE OF THE HYDROPATHY PROFILE OF THE PROTEIN SURFACE	Proteins poster	Health
P_Pr034	797	Tamás Langó	High throughput experimental method to improve topology prediction of transmembrane proteins	Proteins poster	Fundamental
P_Pr035	855	Zoran Sucur	Homology Modeling and Funnel Metadynamics in the study of oxytocin binding to its GPCR receptor	Proteins poster	Health

P_Pr036	571	Tatsuki Kikegawa	Identification of the subcellular localization factors of transmembrane proteins	Proteins poster	Fundamental
P_Pr037	697	Tomas Bastys	Impact of point mutations on inhibitor affinity in HIV-1 protease	Proteins poster	Fundamental
P_Pr038	689	Maarten Reijnders	Improving functional annotation of microalgal proteins	Proteins poster	Fundamental
P_Pr039	760	Eda Suku	In silico deorphanization of the GPR3 receptor	Proteins poster	Biotechnology
P_Pr041	628	Dinithi Sumanaweera	In silico prediction of protein function for Saccharomyces Cerevisiae; an ensemble approach	Proteins poster	Fundamental
P_Pr042	533	Fabrizio Pucci	In-silico prediction of protein thermal stability changes upon point mutations using HoTMuSiC	Proteins poster	Biotechnology Fundamental
P_Pr043	556	Ibrahim Tanyalcin	INDORIL: AN I-PV ADD-ON FOR VISUALIZATION OF POINT MUTATIONS ON 3D CARTESIAN COORDINATES	Proteins poster	Biotechnology
P_Pr044	670	Nesrine Chakroun	Insights into the intrinsic Stability of a Therapeutic Fragment Antibody by Molecular Dynamics Simulations	Proteins poster	Health
P_Pr045	849	Gift Nuka	InterProScan 5: Large scale protein function classification	Proteins poster	Biotechnology Fundamental
P_Pr046	459	Sirawit Ittisoponpisan	Landscape of pleiotropic proteins causing human disease: structural and system biology insights.	Proteins poster	Fundamental
P_Pr047	604	Chloé Dequeker	Large scale analysis of protein interactions	Proteins poster	Biotechnology
P_Pr048	679	Nicholas Furnham	Large-Scale Analysis Exploring Evolution of Catalytic Machineries and Mechanisms in Enzyme Superfamilies	Proteins poster	Fundamental
P_Pr049	499	Daniele Raimondi	Multilevel biological characterization of exomic variants at the protein level significantly improves the identification of their deleterious effects	Proteins poster	Health
P_Pr051	711	Rashmi Hazarika	Network evolution of MADS-domain protein interaction network	Proteins poster	Fundamental
P_Pr052	775	François Ancien	Neural network-based predictions of deleterious human variants derived from protein structures and free energy estimations	Proteins poster	Fundamental Health
P_Pr053	857	Hebat-Allah Samy Abd El Fattah	New time-efficient algorithm for predicting the secondary structure of proteins	Proteins poster	Health
P_Pr054	367	Mohammad Tarek	Novel Potent Inhibitors for CIP2A with Mutational Classification Method	Proteins poster	Biotechnology Health
P_Pr055	381	Olga Voitenko	Patterns of amino acids conservation in human and animal immunodeficiency viruses	Proteins poster	Fundamental Health
P_Pr056	458	Rosalba Lepore	PepComposer: computational design of peptides binding to a given protein surface	Proteins poster	Fundamental
P_Pr057	636	Emilie Neveu	PEPSI-Dock : A Detailed Data-Driven Protein-Protein Interaction Potential Accelerated By Polar Fourier Correlation	Proteins poster	Health
P_Pr058	5	TBC	pH and aggregation effects in the conversion of human prion into scrapie form: a study using Molecular Dynamics and Normal Modes.	Proteins poster	Fundamental
P_Pr059	356	Thanh Binh Nguyen	Prediction of polypoline type II helices receptors	Proteins poster	Fundamental
P_Pr060	648	Thach Nguyen	Probabilistic model for segmentation of protein structures	Proteins poster	Biotechnology Fundamental
P_Pr061	793	István Reményi	Profile modeling and multiple sequence alignment of transmembrane proteins	Proteins poster	Fundamental
P_Pr062	720	Diego Alonso-Martínez	Profiling the methylome targets of histone lysine methyltransferases	Proteins poster	Health
P_Pr063	718	Alexander Smolyakov	Quantitative profiling of membrane-associated proteins in Melioribacter roseus P3M-2	Proteins poster	Fundamental
P_Pr064	728	Francesca Nadalin	Residue propensity and local geometry of the interface contacts define the specificity of protein-protein interactions	Proteins poster	Fundamental
P_Pr065	421	Gabriele Orlando	RIGAPOLLO, A HMM-SVM BASED APPROACH TO SEQUENCE ALIGNMENT	Proteins poster	Fundamental
P_Pr066	488	Qingzhen Hou	Seeing the Trees through the Forest: Sequence-based Homo- and Heteromeric Protein-protein Interaction sites prediction using Random Forest	Proteins poster	Fundamental
P_Pr067	521	Wim Vranken	Sequence-based prediction of protein early folding residues	Proteins poster	Fundamental
P_Pr068	787	Miguel Correa Marrero	Simultaneous prediction of protein-protein contacts and interaction partners	Proteins poster	Fundamental
P_Pr070	845	Ralf Schmid	Structure prediction of the human P2X1 receptor using a homology modelling, ab initio modelling and cross-linking approach	Proteins poster	Fundamental
P_Pr071	702	Michael Ringel	SubtleP - A new software for subcellular translocation & localization prediction	Proteins poster	Fundamental
P_Pr072	686	Bálint Mészáros	Systematic analysis of somatic mutations driving cancer: Uncovering functional protein regions in disease development	Proteins poster	Health
P_Pr073	473	Dániel Györfy	The blind leading the blind: how disordered peptides form an ordered complex	Proteins poster	Fundamental
P_Pr074	635	Diego Honda	The Bowman-Birk inhibitor from Vigna unguiculata seeds (BTC1) in complex with Trypsin: a molecular orbital study	Proteins poster	Biotechnology Fundamental Health
P_Pr076	632	Flavia Corsi	Towards an accurate prediction of protein-DNA interfaces based on evolutionary information, physico-chemical properties of residues and local geometry of the protein structure.	Proteins poster	Fundamental
P_Pr077	821	Julia Varga	TSTMP: Target Selection for human TransMembrane Proteins	Proteins poster	Biotechnology
P_Pr078	463	Aram Gyulkhandanyan	Two paths of tumors destruction	Proteins poster	Fundamental
P_Pr079	700	Erzsébet Fichó	Two-state Protein Complexes	Proteins poster	Fundamental
P_Pr080	332	Alexandre Renaux	UniRule - Increasing Annotation Depth of Unreviewed Protein Entries in UniProtKB.	Proteins poster	Fundamental
P_Pr082	446	David Ramirez	Why Kv1.5 blockers preferentially inhibit TASK-1 channels?	Proteins poster	Health

THEME/TRACK: SYSTEMS

Poster numbers: **P_Sy001 - 093**

Application posters: **P_Sy001 - 010**

Poster number	EasyChair number	Presenting author	Title	Theme/track	Topics
APPLICATIONS POSTERS WITHIN SYSTEMS THEME					
P_Sy001	868	Hong-Woo Chun	Biomedical Big data-based Dementia Prediction	Systems/Application poster	Application
P_Sy002	347	Meng-Chang Shieh	CEPS: A simulation platform for cardiac electrophysiology models	Systems/Application poster	Application
P_Sy003	529	Emilia Wysocka	Dimensionality reduction of rule-based simulation results using intrinsic dimensionality analysis	Systems/Application poster	Application
P_Sy004	778	Takis Benos	Discovering Causal Associations in Omics and Clinical Data Using Mixed Graphical Models	Systems/Application poster	Application Health

P_Sy005	568	Hyunjung Shin	Disease Co-occurrence Scoring with Semi-Supervised Learning	Systems/Application poster	Application
P_Sy006	789	Sebastian Thieme	Improvements in reconstructing biological signalling networks based on rxncon	Systems/Application poster	Application Fundamental
P_Sy007	625	Ilona Liesenborghs	Molecular pathway analysis in human trabecular meshwork cells after treatment with corticosteroids	Systems/Application poster	Application Health
P_Sy008	626	Jan S.A.G. Schouten	Molecular pathway analysis in patients with primary open angle glaucoma	Systems/Application poster	Application Health
P_Sy009	660	Vincenzo Belcastro	The Systems Toxicology Computational Challenge: Markers of Exposure Response Identification – Insights gained	Systems/Application poster	Application Biotechnology Health
P_Sy010	800	Mugdha Srivastava	Understanding of the metabolic interplay between host and fungi by combining metabolic modeling and game theory	Systems/Application poster	Application Biotechnology Health
OTHER POSTERS WITHIN SYSTEMS THEME					
P_Sy012	640	Jan Bert Van Klinken	A functional validation of human genome-scale metabolic models	Systems poster	Fundamental Health
P_Sy013	422	Lieven Verbeke	A multi-purpose network-based data integration strategy for tumour analysis	Systems poster	Health
P_Sy014	462	Robin Haw	A Refreshing Look at the Reactome Functional Interaction Network.	Systems poster	Health
P_Sy015	652	Adam Kozak	A semi-quantitative Petri net model of oxidative stress in atherosclerosis	Systems poster	Fundamental
P_Sy016	455	Thanh Phuong Nguyen	A systems medicine approach to elucidate the comorbidity network in metabolic diseases	Systems poster	Health
P_Sy017	323	Yoshiyuki Asai	A versatile platform for multilevel modeling of physiological systems: integration of time series data	Systems poster	Application
P_Sy019	853	John Reid	Branching Gaussian processes for analysis of cell fate from single cell expression	Systems poster	Fundamental
P_Sy020	667	Jean-Karim Heriche	Building a dynamic protein atlas of human mitosis	Systems poster	Fundamental
P_Sy021	812	Federica Eduati	Cell-type specific parameters of signalling pathway models as biomarkers for drug sensitivity	Systems poster	Health
P_Sy022	650	Raul Conejeros	Characterization of continuous cultures of Scheffersomyces stipitis on its phenotypic phase plane.	Systems poster	Fundamental
P_Sy023	383	Bastian Hornung	Characterizing and understanding the rumen microbiota	Systems poster	Ecosystems
P_Sy024	739	Italo Faria Do Valle	Combined genomics and transcriptomics for multi-tumor drug targeting	Systems poster	Health
P_Sy025	565	Vardan Andriasyan	Computational modelling of human adenovirus egress	Systems poster	Health
P_Sy026	742	Andras Hartmann	Constraint Based Reconstruction of Gene Regulatory Networks	Systems poster	Health
P_Sy027	374	Maryam Nazarieh	Constructing and analyzing disease-specific or developmental stage-specific transcription factor and miRNA co-regulatory networks	Systems poster	Fundamental
P_Sy028	444	Stefano Vavassori	Construction of a computable biological network model focused on goblet cell hyperplasia/metaplasia in the lung	Systems poster	Health
P_Sy029	846	Gaia Zaffaroni	Context-specific gene regulatory network to identify key genes in differentiation of NSCs to astrocytes	Systems poster	Health
P_Sy030	661	Mark Alber,	Coupled multi-scale modeling and experimental study of platelet adhesion and blood clot deformation and rupture	Systems poster	Health
P_Sy031	418	Michele Caselle	Detection of gene communities in multi-networks reveals cancer drivers.	Systems poster	Health
P_Sy032	419	Jiajia Xu	Different copies, different roles – paralogous genes in lateral root gene regulatory network of oilseed rape	Systems poster	Agro-Food
P_Sy033	498	Ian Walsh	Digestor: a software tool to determine relative abundance of glycans from exoglycosidase digestons	Systems poster	Biotechnology Health
P_Sy034	766	Åsmund Flobak	DrugLogics: Logical models for drug screen prioritization	Systems poster	Health
P_Sy036	835	Hung-Cuong Trinh	Edge-based sensitivity analysis of signaling networks by using Boolean dynamics	Systems poster	Fundamental
P_Sy037	428	Konstantine Tchourine	Explicit Modeling of Differential RNA Stability Improves Inference of Transcription Regulation Networks	Systems poster	Fundamental
P_Sy038	663	Tijana Milenkovic	Exploring the structure and function of temporal networks with dynamic graphlets	Systems poster	Biotechnology
P_Sy039	495	Maria Victoria Aguilar Pontes	Expression data integration in an Aspergillus niger genome-scale metabolic model	Systems poster	Biotechnology
P_Sy040	698	Safiye Celik	Extracting a low-dimensional description of multiple gene expression datasets reveals a potential driver for tumor-associated stroma in ovarian cancer	Systems poster	Health
P_Sy041	328	Silvia Gerber	Genome-wide gene regulatory network in the opportunistic human pathogenic fungi Aspergillus fumigatus	Systems poster	Fundamental
P_Sy042	570	Carlo Vittorio Cannistraci	How network topological models influence drug-target prediction	Systems poster	Health
P_Sy043	630	Erika Tsingos	How tissues coordinate growth in an organ: Insights from modeling clonal lineages in fish	Systems poster	Fundamental
P_Sy044	759	Adel Ait Hamlat	Hub centered deconvolution improves gene regulatory network reconstruction	Systems poster	Fundamental
P_Sy045	756	Anna Hernandez	HVint: A strategy for identifying novel protein-protein interactions in herpes simplex virus type 1	Systems poster	Fundamental
P_Sy047	543	Wataru Iwasaki	Importance of considering simple factors in C. elegans behavioral analysis	Systems poster	Fundamental
P_Sy048	394	Jennifer Scheidel	In silico knockout experiments based on Petri net models	Systems poster	Fundamental
P_Sy049	396	Laura Cantini	Independent Component Analysis unveils the landscape of multi-omics pancancer data	Systems poster	Health
P_Sy050	540	Lingfei Wang	Causal inference of genetic regulations, impaired by confounders and saved by alternative tests	Systems poster	Fundamental
P_Sy051	532	Erchin Serpedin	Inferring Microbial Interaction Network Using a Stochastic Generalized Lotka-Volterra Model	Systems poster	Ecosystems
P_Sy052	657	Krzysztof Gogolewski	Inferring molecular pathways heterogeneity from transcriptional data	Systems poster	Biotechnology
P_Sy053	607	Laura Follia	Inspecting Energy Realising Pathways by combination of genomics data and mechanistic approach.	Systems poster	Health
P_Sy054	745	Robert Sehlike	Integration of two Drosophila insulin mutant models reveals tissue-specific mechanisms of longevity	Systems poster	Fundamental Health
P_Sy056	730	Ezequiel Iván Juritz	Integrative protein network from universal stress protein UspK	Systems poster	Biotechnology
P_Sy057	497	Francesco Russo	Klinefelter syndrome comorbidities induced by increased X gene dosage and altered protein interactome activity.	Systems poster	Health
P_Sy058	582	Bernhard Steiert	L1 regularization facilitates detection of cell type-specific parameters in dynamical systems	Systems poster	Health
P_Sy059	490	Lodewyk Wessels	Logic models to predict continuous outputs based on binary inputs with an application to personalized cancer therapy	Systems poster	Health

P_Sy060	624	Pauline Traynard	Logical model specification aided by model checking: application to the mammalian cell cycle regulation	Systems poster	Fundamental
P_Sy062	602	Jessica Hu	Mechanisms of non-oncogene addiction	Systems poster	Biotechnology
P_Sy063	743	Sander Rodenburg	Metabolic network construction of the <i>Phytophthora infestans</i> – tomato pathosystem	Systems poster	Agro-Food
P_Sy064	874	Weronika Wronowska	Metabolomic scale analysis of the mechanism of C2 ceramide induced cell death	Systems poster	Fundamental
P_Sy065	316	Dennie Hebel	Mining for osteogenic surface topographies using machine learning techniques	Systems poster	Health
P_Sy066	575	Mathias Cardner	Modelling gene regulatory networks during EMT	Systems poster	Fundamental
P_Sy067	505	Céline Hernandez	Modelling of T cell co-inhibitory pathways to predict anti-tumour responses to checkpoint inhibitors	Systems poster	Health
P_Sy068	447	Andreas Hillmann	Moving HIV Treatment Interruption Modelling to a new level - a computational approach	Systems poster	Fundamental Health
P_Sy069	588	Ferran Briansó	Multivariate Methods for the Integrative Analysis of Transcriptomics and Proteomic Data in a Study on Ischemic Stroke	Systems poster	Health
P_Sy070	431	Natalia Rubanova	Network analysis of genome-wide loss-of-function screens and its application to cancer research	Systems poster	Fundamental
P_Sy071	870	Mushthofa Mushthofa	Network-based prediction of cancer drug response	Systems poster	Health
P_Sy072	879	David Holloway	NONLINEAR MODEL FOR MODULAR GENE EXPRESSION CONTROL, APPLIED TO SPATIAL PATTERNING OF THE DROSOPHILA GENE HUNCHBACK	Systems poster	Fundamental
P_Sy073	420	László Kupcsik	Oilseed rape co-expression network reveals mechanisms of root architecture adaptation	Systems poster	Agro-Food
P_Sy075	878	Friederike Ehrhart	Pathway analysis of Rett syndrome omics data; an example of knowledge driven molecular data analysis in the rare disease domain	Systems poster	Health
P_Sy076	577	Dries De Maeyer	Phenetic: Integration analysis of parallel omics data sets using multiple evidence networks	Systems poster	Biotechnology
P_Sy077	880	Simone Lederer	Predicting Compound Synergy in the DREAM Challenge	Systems poster	Fundamental
P_Sy078	430	Otoniel Rodríguez-Jorge	Predictive logical modelling of TLR5 and TCR cooperation for CD4 T cell activation.	Systems poster	Fundamental Health
P_Sy079	523	Emre Guney	ProXide: Proximity based drug side effect detection	Systems poster	Health
P_Sy080	707	Katarzyna Rżosińska	Quantitative model of processes associated with formation of atherosclerotic plaque based on continuous Petri net	Systems poster	Health
P_Sy081	614	Sara Ciucci	Revealing discriminative network functional modules in omic sciences: an easy and fast unsupervised multivariate method	Systems poster	Health
P_Sy082	501	Thierry Lombardot	Rhea, an expert curated resource of biochemical reactions for enzyme annotation and genome-scale metabolic modeling	Systems poster	Fundamental
P_Sy083	642	Marek Blazewicz	Searching for Common Patterns in Biological Datasets	Systems poster	Biotechnology
P_Sy084	609	Iryna Nikolayeva	Simple enough biomarkers predict a complex disease phenotype	Systems poster	Health
P_Sy085	437	Kevin Schwahn	Stoichiometric correlation analysis: towards principles of metabolic functionality from metabolomics data	Systems poster	Fundamental
P_Sy086	353	Junli Liu	Systems Biology of calcium and hormone signalling in plant cells	Systems poster	Agro-Food
P_Sy087	758	Juan Carlos Higareda-Almaraz	Systems-level network analysis in white-to-brite adipocyte conversion	Systems poster	Health
P_Sy088	603	Joanna Ziobro	The increase in the antigen concentration may lead to recovery of patients – computer simulation studies	Systems poster	Biotechnology
P_Sy089	494	Alan Bridge	The SwissLipids knowledgebase for lipid biology	Systems poster	Fundamental
P_Sy090	719	Quentin Da Costa	Time-dependent interactome – transcriptome analysis of PDAC tumorigenesis	Systems poster	Health
P_Sy091	727	Adrien Fauré	Towards a new definition of circuit functionality	Systems poster	Fundamental
P_Sy092	442	Juris Viksna	Towards experimental validation of models of gene regulatory networks	Systems poster	Fundamental
P_Sy093	391	Theresia Conrad	Transcriptomic and proteomic response of <i>Aspergillus fumigatus</i> to caspofungin	Systems poster	Fundamental

THEME/TRACK: TRAINING

Poster numbers: P_Tr001 - 017

Poster number	EasyChair number	Presenting author	Title	Theme/track	Topics
P_Tr001	591	Michael T. Krieger	An overview of training in the Spanish ELIXIR node	Training poster	Training
P_Tr002	445	Vera Matser	Applying competency profiling of user groups to develop a training programme in Computational Biomolecular Research	Training poster	Training
P_Tr003	746	Janick Mathys	Bioinformatics Training at VIB: laying the cornerstones for life scientists to survive in data-intense biotech research	Training poster	Training
P_Tr004	615	Victoria Dominguez Del Angel	Cloud Computing Training at French ELIXIR node (French Institute of Bioinformatics)	Training poster	Training
P_Tr005	837	Kim Gurwitz	Distance-based online Bioinformatics training in Africa: the H3ABioNet experience	Training poster	Training
P_Tr006	685	Pedro L Fernandes	GOBLET's Bioinformatics Learning, Education and Training Activities	Training poster	Training
P_Tr007	791	Cath Brooksbank	Providing bioinformatics training for established researchers	Training poster	Training
P_Tr008	402	Antonio Fabregat	Reactome: A curated knowledgebase of biomolecular pathways	Training poster	Training
P_Tr009	403	Guilherme Viteri	Reactome: New services and widgets to ease third-party integration	Training poster	Training
P_Tr011	747	Brane Leskosek	Surveying training provision, needs and capacity across ELIXIR nodes and EXCELERATE use-cases to map skill transfer routes in Europe	Training poster	Training
P_Tr012	790	Hadrien Gourel	The eBioKit, a stand-alone educational bioinformatics platform	Training poster	Training
P_Tr013	559	Leon Mei	The Galaxy Training Network: centralizing resources for galaxy trainings	Training poster	Fundamental Training
P_Tr014	682	Gregoire Rossier	The SIB PhD Training Network: an initiative to gather, connect and train PhD students in Bioinformatics	Training poster	Training
P_Tr015	692	Diana Marek	The SIB Swiss Institute of Bioinformatics Training Group: Supporting the development and sustainability of effective bioinformatics training	Training poster	Training
P_Tr016	672	Patricia M. Palagi	Train-the-Trainer: GOBLET's initiative to increase the provision of bioinformatics training in NGS	Training poster	Training

P_Tr017	776	Celia van Gelder	Training efforts in the Netherlands: combining forces to provide data – related training for the life science research community	Training poster	Training
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