

Ascona Workshop 2013
Statistical Genomics and Data Integration for Personalized Medicine

Centro Stefano Franscini, Monte Verità, Ascona, Switzerland, May 12 – 17, 2013

PROGRAM (as of 2013-05-10)

Sunday, May 12	15:00 – 19:00	ARRIVAL and CHECK-IN	
	18:00 – 19:00	<i>Welcome drinks</i>	
	19:00	<i>Dinner</i>	
Monday, May 13	8:45 – 9:00	<i>Welcome</i>	
	9:00 – 10:00	Keith Baggerly	When Is Reproducibility an Ethical Issue? Genomics, Personalized Medicine, and Human Error
	10:00 – 10:30	<i>Coffee break</i>	
	10:30 – 11:00	Julien Gagneur	Inferring Causal Molecular Intermediates from Omics Data in the Context of Genetic and Environmental Variations
	11:00 – 11:30	Pratyaksha Wirapati	Challenges in Development of Practical Omics Biomarkers for Risk Prediction
	11:30 – 12:00	Gwenael Leday	An Empirical Bayesian Ridge Approach to Modeling the Transcriptional Effects of DNA Copy Number Aberrations
	12:15	<i>Lunch</i> <i>Unstructured time</i>	
	15:45 – 16:30	<i>Coffee break</i>	
	16:30 – 17:30	Rainer Spang	Towards Personalized Signaling Networks: Modeling with Unknown Unknowns and Ignored Knowns
	17:30 – 18:00	Renee X. de Menezes	Joint Analysis of Multiple Cancer Molecular Profiles: Connecting the Needles in the Haystack
	18:00 – 18:30	Thomas Sakoparnig	Identification of Cancer Driver Mutations Based on Recurrent Mutation Timing
19:00	<i>Dinner</i>		
Tuesday, May 14	9:00 – 10:00	Susan Murphy	A Clinical Trial Design for Constructing and Evaluating Individualized Real-Time Treatment Policies
	10:00 – 10:30	<i>Coffee break</i>	
	10:30 – 11:00	Xiaoyu Jiang	An Investigation of Confidence Intervals for Binary Prediction Performance with Small Clinical Trial Datasets
	11:00 – 11:30	Moritz Gerstung	Accurate Detection and Clinical Consequences of the Clonal Architecture in Myelodysplastic Syndromes
	11:30 – 12:00	Judith Zaugg	Extensive Variation in Chromatin States Across Human Individuals and Populations
	12:15	<i>Lunch</i> <i>Unstructured time</i>	
	15:00 – 16:00	Chris Sander	Solving Statistical Inference Problems: (1) Perturbation Cell Biology and (2) Evolutionary Couplings in Proteins
	16:00 – 16:30	<i>Coffee break</i>	
16:30 – 18:30	POSTER SESSION		
19:00	<i>Dinner</i>		

Wednesday, May 15	9:00 – 10:00	Sunduz Keles	Integrative Analysis of *-seq Datasets for a Comprehensive Understanding of Regulatory Roles of Repetitive Regions in Personalized Medicine
	10:00 – 10:30	<i>Coffee break</i>	
	10:30 – 11:00	Alexander Schönhuth	Trio- and Population-aware Variant Calling in the 'Genome of the Netherlands'
	11:00 – 12:00	Eytan Domany	Pathway-based Personalized Analysis of Cancer
	12:15	<i>Lunch</i>	
	14:45	EXCURSION DINNER	Hike in the Verzasca valley at restaurant Grotto Brogini

Thursday, May 16	9:00 – 10:00	Simon Tavaré	Statistical Issues in Studying Tumour Heterogeneity
	10:00 – 10:30	<i>Coffee break</i>	
	10:30 – 11:00	Francesco Iorio	Systematic Inference of Transcriptional and Network Markers of Drug Sensitivity in Cancer Cell Lines
	11:00 – 11:30	Levi Waldron	A Comparative Meta-analysis of Prognostic Gene Signatures for Late-stage Ovarian Cancer
	11:30 – 12:00	Jean Yee Hwa Yang	Integrating Multi-layered Data for Biomarker Discovery in Melanoma
	12:15	<i>Lunch</i> <i>Unstructured time</i>	
	16:00 – 16:30	<i>Coffee break</i>	
	16:30 – 17:30	Victor De Gruttola	Viral Genetic Linkage Analysis in Cluster Randomized Trials for HIV Prevention
	17:30 – 18:00	Paul McLaren	Investigating a Role for Rare Functional Variation in HIV-1 Control through Exome Sequencing
	18:00 – 18:30	Alena van Bömmel	Towards the Next-generation Malaria Vaccine
	19:00	<i>Dinner</i>	

Friday, May 17	9:00 – 10:00	Cecile Janssens	How Predictive Is Our DNA?
	10:00 – 10:30	Bernhard Renard	Metagenomic Diagnostics on the Species Level
	10:30 – 11:00	<i>Coffee break</i>	
	11:00 – 12:00	tba	tba
	12:00 – 12:15	<i>CSF Award</i>	
	12:15	<i>Lunch</i> DEPARTURE	