PROGRAMME

ESHG Symposium 2016:
"Machine Learning for Personalized Medicine
The alliance of Genetics, Bioinformatics and Data Mining to decipher multifactorial phenotypes"
Universitat Pompeu Fabra, Campus de la Ciutadella, Mercè Rodoreda Auditorium

	THURSDAY, May 19	FRIDAY, May 20	
8.15 8.45	Registration opens WELCOME by Karsten Borgwardt, ETH Zurich		
9.00-10.30	Projects and results of the Marie Curie Network • ETH Zürich, Switzerland • Max Planck Society, Germany • ARMINES, France • University of Sheffield, UK • Pharmatics, UK	Projects and results of the Marie Curie Network • ARMINES, France • INSERM, France • University Carlos III, Spain • CIPF, Spain	9.00-10.30
10.30-11.00	*COFFEE*	*COFFEE*	10.30-11.00
11-12.30	**Robert Castelo,** Universitat Pompeu Fabra (UPF), Barcelona, Spain **"Systems genetics with graphical Markov models"**	**Alfonso Valencia**, Spanish National Cancer Research Centre (CNIO), Madrid, Spain **"A network biology approach to information processing in epigenetic regulation"**	11-12.30
12.30-13.30	*LUNCH*	*LUNCH*	12.30-13.30
13.30-15.00	**Krista Fischer,** University of Tartu, Tartu, Estonia **"Unlocking the potential of large prospective biobank cohorts for -omics data analysis: aspects of study design, prediction and causality"**	**Lude Franke,** University of Groningen, The Netherlands **"Identifying drug-targetable key drivers of disease"**	13.30-15.00
15.00-15.15	*COFFEE*	*COFFEE*	15.00-15.15
15.15-16.45	**Luis Serrano,** Centre for Genomic Regulation (CRG), Barcelona, Spain **"Integrative and quantitative analysis of disease mutations in the RAS-RAF-MEK-ERK pathway and implications for personalized medicine"**	**Terry Speed,** Walter and Eliza Hall Institute of Medical Research, Melbourne, Australia **"Removing Unwanted Variation in Machine Learning for Personalized Medicine"**	15.15-16.45
16.45-18.00	Projects and results of the Marie Curie Network • Max Planck Society, Germany • ETH Zürich, Switzerland • University of Liège, Belgium • Siemens AG, Germany	Final remarks by Karsten Borgwardt, ETH Zurich	16.45
		Poster session *COFFEE & SNACKS*	17.00-18.00
19.30	DINNER at *Restaurante 2254* (separate registration necessary)		