

UniGR-Workshop Systems Biology, Epigenetics & Systems Analysis

22 January 2014 / 10 a.m. to 5 p.m. / Saarland University, Saarbrücken Campus, Building E2.1

Agenda

9:30	~~~~~	Arrival (with coffee& pastry)
10:00	Vice-President Matthias Hannig (Saarland University)	- Welcome address
10:10	Volkhard Helms (Saarland University)	- Stem cell differentiation / bacterial resistance
10:25	Antonio del Sol (LCSB, University of Luxembourg)	- Gene regulatory network analysis to develop strategies for cellular reprogramming
10:45	Jörn Walter (Saarland University)	- Epigenomics of human cells in health and disease
11:05	Alexandros Theodoridis (Eurice)	- Presentation & discussion Horizon 2020
11:25	~~~~~	Coffee & Pastry
12:00	Marc Hanikenne (University of Liège)	- Epigenetics and ecological adaptation
12:15	Jean-Louis Guéant (University of Lorraine)	- Epigenomic Dysregulations in Vitamin B12 and Folate Deficiencies
12:30	Lasse Sinkkonen (LSRU)	- Integrated analysis of transcript-level regulation of metabolism reveals disease-relevant nodes of the human metabolic network
12:45	Said El Shamieh (Group of Gérard Siest, University of Lorraine)	- Genetic biomarkers of hypertension and future challenges integrating epigenomics
13:00	~~~~~	Business Lunch
14:00	Michel Georges (University of Liège)	- Identifying causative variants and genes within GWAS identified risk loci for common complex diseases
14:20	Thomas Lengauer (MPII and Saarland University)	- Bioinformatics Contributions to Personalized Medicine
14:40	Jochen Deitmer (University of Kaiserslautern)	- Cellular pH buffering and regulation - Basic studies in Xenopus oocytes
14:55	Nikos Vlassis (LCSB, University of Luxembourg)	- Fast Reconstruction of Context-Specific Metabolic Network Models
15:10	~~~~~	Coffee & Fruit
15:30	Jonathan Turner (CRP Santé, Luxembourg)	- Epigenetic regulation of Glucocorticoid receptor promoters both controls, and is controlled by, the hypothalamus-pituitary-adrenal axis
15:45	Pierre Geurts (University of Liège)	- Biological network inference with machine learning
16:00	Ronan Fleming (LCSB, University of Luxembourg)	- Multiscale Molecular Systems Biology: Reconstruction and Model Optimization
16:15	Christoph Wittmann (Saarland University)	- Towards better understanding and novel therapies - systems biology of microbial pathogens
16:30	Rabea Hall & Roman Liebe (Group of Frank Lammert) (Saarland University)	- Systems genetics of hepatic fibrosis in a murine reference population identifies critical expression networks in vivo and in vitro
16:45	~~~~~	Closing Words Volkhard Helms & Thomas Sauter