

Life Science PhD days 2015 – Agenda

Monday, September 21st

08:00 – 9:00 am	Registration
09:00 – 9:15 am	Welcome Prof Dr Serge Haan (University of Luxembourg, Luxembourg)
09:15 – 10:00 am	1-minute presentations 1 st year PhD students
10:00 – 11:00 am	PhD students talks
30 min	Simon Maheux: <i>“Degradation mechanisms of biomolecules in physiological liquids by nanosecond pulsed cold atmospheric microplasma”</i>
15 min	Gaelle Come: <i>“Mesoporous Silica Nanoparticles surrounded by lipid bilayer as drug delivery system “</i>
15 min	Caroline Chata: <i>“Association between plasma and hair concentration of pesticides after controlled exposure of animals: Study of physicochemical properties”</i>
11:00 – 11:15 am	Coffee break
11:15 am – 12:30 pm	PhD students talks
30 min	Shaman Narayanasamy: <i>“Metagenomic and metatranscriptomic analyses of CRISPR-Cas dynamics within a microbial community”</i>
15 min	Stefania Magnusdottir: <i>“Dietary components and oxygen availability affect human gut microbial interactions”</i>
15 min	Eugen Bauer: <i>“BacArena: Individual based metabolic analysis of cellular communities in their environments”</i>
15 min	Alberto Noronha: <i>“Virtual Metabolic Human: a comprehensive metabolic resource of human, human associated microbes and disease”</i>
12:30 – 1:30 pm	Lunch and poster viewing
1:30 – 2:30 pm	Keynote Prof Dr Hilal Lashuel (The Swiss Federal Institute of Technology, Lausanne, Switzerland) <i>“Molecular determinants of Alpha-Synuclein aggregation, clearance and toxicity in Parkinson's disease: From novel tools to disease mechanisms and therapeutic strategies”</i>
2:30 – 2:45 pm	Doctoral school presentation Sean Sapcariu
2:45 – 3:45 pm	Coffee break and Odd number poster session
3:45 – 5:00 pm	PhD students talks
15 min	Edinson Lucumi Moreno: <i>“Energy Metabolism of Dopaminergic Neurons in 3D Microfluidic Cell Culture”</i>
15 min	Rene Peter Bremm: <i>“Patient-specific control of movement disorders in Parkinson's disease by using deep brain stimulation”</i>
15 min	Marouen Ben Guebila: <i>“Serine as augmenting diet for Parkinson's disease treatment”</i>
30 min	Artur Araujo: <i>“Statistical issues in the design of n-of-1 trials in small populations”</i>
5:00 – 7:00 pm	Meet and greet event Sponsored by the doctoral school

Life Science PhD days 2015 – Agenda (cont'd)

Tuesday, September 22nd

08:00 – 9:00 am	Registration
09:00 – 10:00 am	Keynote Prof Dr Miguel Andrade (Institute of Molecular Biology, Mainz, Germany)
10:00 – 11:00 am	PhD students talks
30 min	Sarah Killcoyne: <i>"Identification of large-scale genomic variation in cancer genomes using in silico reference models"</i>
15 min	Jiali Wang: <i>"An integrative database for effective retrieving prediction of microRNA/mRNA target interactions"</i>
15 min	Ganna Androsova: <i>"Interaction confidence selection for protein-protein network construction and analysis"</i>
11:00 – 11:15 am	Coffee break
11:15 pm – 12:30 pm	PhD students talks
30 min	Pit Ullman: <i>"Do miRNAs regulate the tumorigenic potential of tumor-initiating cells in colon cancer metastases?"</i>
15 min	Lina Ancheva: <i>"Mass spectrometry characterization of immuno-purified cancer related protein isoforms"</i>
15 min	Antoun Al Absi: <i>"Actin cytoskeleton remodeling: a novel mechanism for tumor cells to escape from natural killer cell-mediated cell death?"</i>
15 min	Wibke Cramaro: <i>"Genome, transcriptome and proteome – a multiple-omics study of the pathogen vector Ixodes ricinus"</i>
12:30 – 1:30 pm	Lunch and poster viewing
1:30 – 3:00 pm	PhD students talks
30 min	Maria Pires Pacheco: <i>"Integrated metabolic modelling reveals cell-type specific control points of the macrophage metabolic network"</i>
30 min	Martha Elwenspoek: <i>"EpiPath: Long-term epigenetic and pathological effects of early life adversity"</i>
15 min	Sean Sapcariu: <i>"Investigating the metabolic role of SIRT3 in pro-inflammatory macrophages"</i>
15 min	Marije Hofstra: <i>"Regional differences in transmitted HIV drug resistance in Europe"</i>
3:00 – 4:00 pm	Coffee break and Even number poster session
4:00 – 5:00 pm	PhD students talks
30 min	Anne Kaysen: <i>"Dynamic change of host gastrointestinal microbiome and immune status in relation to mucosal barrier effects During chemotherapy and immune ablative intervention in humans"</i>
15 min	Coralie Mazzacavallo: <i>"Subcellular localization of the potential tumor suppressor protein Tes during mitosis."</i>
15 min	Esmā Yagdi: <i>"Analysis of the functional link between microtubule network destabilization, Bcl-2 modulation and autophagy In polysulfane-treated colon cancer cells"</i>
5:00 – 5:15 pm	Closing remarks
5:15 – 8:00 pm	Social event

Poster number	Last Name	First name	Title
1	Antonelli	Daniela	
2	Ashrafi	Amer	Exploring therapeutic viability of a non-dopaminergic target for Parkinson's disease
3	Balakrahnan	Divya	pH measuring and reversible proton exchange reactions for the design of novel microarrays.
4	Battello	Nadia	The role of HIF-1 α in oncostatin M-dependent metabolic reprogramming of hepatic cells
5	Birck	Cindy	Profiling of different genes regulated during astrocyte differentiation
6	Briquemont	Benjamin	Interactions between Natural Killer (NK) cells and T regulatory cells (Tregs) in healthy and TAP-deficient individuals (human and mice)
7	Cesi	Giulia	Detection, characterization and function of extracellular vesicles in resistant melanoma
8	El Assal	Diana	High-Quality Reconstruction of Human Synaptic and Asynaptic Mitochondrial Metabolic Networks Based on Predefined Metabolic Sets of Reactions
9	Erasimus	Hélène	Identification of novel molecular targets for TMZ-based therapies against glioblastoma: A comprehensive shRNA-based screen of DNA Damage Response factors
10	Genty	Julien	PAIN PROCESSING AND COPING WITH SOCIAL STRESS IN RATS EXPOSED TO ADVERSIVE EARLY LIFE EVENTS
11	Gérard	Déborah	Time-course analysis of gene regulatory network dynamics during mesenchymal lineage commitment
12	Gobin	Matthieu	Impact of DNA repair genes and associated miRNAs in GBM biology and resistance to Temozolomide: Study of a human GBM TMZ + and TMZ – cohort
13	GREENHALGH	Kacy	A study of the molecular mechanisms underlying the response of human colorectal adenocarcinoma enterocytes to prebiotics/probiotics
14	Hachi	Siham	Detection of Firing Neurons in Calcium Time-lapse Images using Velocity Field Constraint
15	Jacmin	Maxime	Evaluation of zebrafish as a potential model for cognitive impairment associated with Dravet syndrome
16	Jarazo	Javier	The Parkinson's disease associated Pink1-Parkin-RhoT1 pathway in pathology and development
17	Kirpach	Josiane	Dissecting the B-cell repertoire of acute Lyme disease patients
18	Krämer	Lisa	A metabolomics approach to study the astrocyte-neuron lactate shuttle hypothesis in the neuronal TH+ cell line LUHMES
19	Leenen	Fleur	Early Life- and Adolescent- Stress and the Methylome
20	Martins Conde	Patricia	Diabetic multi-scale model describes metabolism at the whole-body level
21	Mauffray	Marion	Airway inflammation partially controlled by Neurturin in different mouse model of asthma
22	Monteiro	Fatima	Robust Prediction of Minimal Medium Composition Using Sparse Optimization
23	Nickels	Sarah	Systemic analysis of genome-wide regulation of metabolism in hNSC carrying LRRK2-G2019S
24	Nonnenmacher	Yannic	Combining selective permeabilization with stable isotope labeling to assess mitochondrial metabolism
25	Oliveira	Miguel	Prediction of a Shared Enzymatic Machinery Between Parkinson's Disease Selectively Vulnerable Neurons
26	QING	XIAOBING	Utilization of the CRISPR/Cas9 system to generate human neural stem cells with the LRRK2-G2019S mutation for in vitro Parkinson's disease modeling
27	Santos	Bruno	Functional characterisation of the A30P mutation in alpha-synuclein gene in patient-derived cellular model of Parkinson's disease
28	Servais	Florence	Role of microRNAs in signal transduction pathways of the inflammatory cytokine Interleukin-6: relevance for liver diseases
29	Sousa	Carole	CHARACTERIZATION OF THE IMMUNE MECHANISMS INVOLVED IN MICROGLIA ACTIVATION
30	Vaccaroli	Raffaella	Investigation of the Nuclear Function of Tes, an Actin-Binding LIM Protein and Potential Tumor Suppressor
31	Walter	Jonas	Analysis of Mitochondrial function in Parkinson's disease specific (LRRK2-G2019S) neural stem cells
32	Wampach	Linda	Early dynamics of the gastrointestinal microbiome in infants at risk of metabolic disease in adulthood