

Programme of the

23rd Public MMPU Research Day

Wednesday, 13 November 2019, 13 – 18 o'clock

EMBL, Main Building, Small Operon and Operon Foyer

13:00	An Introduction to Cellzome: GSK's Omics Hub in Heidelberg Gitte Neubauer – Cellzome GmbH, a GSK company Guest of MMPU
13:30	Mechanisms of Inducing Hypoferremia upon Inflammation Oriana Marques – MMPU Group Iron Homeostasis (IH)
13:55	Towards Robust Detection of Global Microbial Signatures for Cancer Screening Ece Cevirgen – MMPU Group Cancer Early Detection (CED)
14:20	Microfluidic Drug Perturbation Screens to Reverse Engineer Kidney Signaling Networks Nicolas Peschke – MMPU Group Chronic Kidney Disease (CKD)
14:45	Coffee break
15:15	Multomics Landscape of the Ageing Human Bone Marrow Mesenchymal Stromal Cells Brian (Mang Ching) Lai – MMPU Group Stem Cell-Niche Networks in Ageing and Disease (SCN)
15:40	Compartmentalized Stress Responses of RNA-Binding Proteins Michael Backlund – MMPU Group Blood Diseases (BD)
16:05	Computational Analysis of Strand-seq to Infer Perturbed Transcriptional Activity in T Cell Acute Lymphoblastic Leukemia Hyobin Jeong – Korbel Group
16:30	Ex-vivo Drug Response Profiling for Tailoring Treatment in Hematologic Malignancies: The Prospective Non-interventional SMARTrial Nora Liebers – MMPU Group Systems Medicine of Cancer Drugs (SMCD)
16:55	Poster Session and Snacks and Get-Together Silvia Colucci : Sensing of Liver Iron Content Requires Cell-Cell Communication between Hepatocytes and Liver Sinusoidal Endothelial Cells Holly Giles : The Role of the Microenvironment in Drug Resistance and Disease Persistence in Chronic Lymphocytic Leukaemia Tamara Kempter : Early Detection of Relapsed Pediatric T-ALL by Subclonal TP53 Mutations Daria Lavysh : On the Way to Decipher the mRNP at Prematurely Terminating Ribosomes
18:00	END of the Public MMPU Research Day