

Programme of the **22nd Public MMPU Research Day**

Friday, 10 May 2019, 13 – 17.30 o'clock

EMBL, Main Building, Small Operon

- 13:00 Building BRIDGES to Accelerate Academic Drug Discovery**
Thomas Hanke – Evotec International GmbH, Hamburg
Guest of MMPU
- 13:30 Multi-Omics Data Integration for Precision Medicine in Chronic Lymphocytic Leukaemia**
Junyan Lu – MMPU Group Systems Medicine of Cancer Drugs (SMCD)
- 13:55 Stress-Induced Changes in Protein-mRNA Interactome**
Michael Backlund – MMPU Group Blood Diseases (BD)
- 14:20 Microfluidics Screening of Cell-Type Specific Perturbation Responses in Chronic Kidney Disease**
Denes Turei – MMPU Group Chronic Kidney Disease (CKD)
- 14:45 Coffee break**
- 15:15 How Do We Detect Warmth and Heat? Molecular Mechanisms of Peripheral Sensory Neurons**
Muad Abd El Hay – MMPU Group Chronic Pain (CP)
- 15:40 Tissue-Specific Functions of Heme Oxygenase 1**
Kostas Pantopoulos – Department of Medicine, McGill University Montreal, Canada
Guest of MMPU Group Iron Homeostasis (IH)
- 16:10 Self Renewal Pathways in DNMT3A, NPM1, and FLT3-ITD Triple Mutated Acute Myeloid Leukemia**
Alicia He – MMPU Group Stem Cell-Niche Networks in Ageing and Disease (SCN)
- 16:35 NEW! Poster Session and Snacks and Get-Together**
Daria Lavysh: On a Way to Decipher the mRNP at Premature Termination Codons
Peter Bruch: IL-4 Mediated Resistance against BCR Inhibitors in CLL as a Potential Clinical Target
Tamara Kempter: The Use of Ultra Deep Sequencing in the Identification of Subclonal TP53 Mutations in Relapsing Pediatric T-ALL Patients at the Time of Initial Diagnosis
Swati Garg: Self Renewal Pathways in DNMT3A, NPM1, and FLT3-ITD Triple Mutated Acute Myeloid Leukemia
Oriana Marques: Activation of the NFkB Non-Canonical Pathway is Important for TLR2-Mediated Ferroportin Downregulation
Julio Saez-Rodriguez: Combining Microfluidics, High-Content Microscopy and Computational Biology to Tackle Chronic Kidney Disease
Julia Sieber-Frank: Glucose Metabolism in Cancer: Novel Drugs and Targets
- 17:30 END of the Public MMPU Research Day**

The Landesärztekammer provides 4 points for continuing education for this event.

Registration: Britta Schläger info@mmpu.de

Information: <https://www.embl.de/mmpu/mmpu/>