Programme of the
21st Public MMPU Research Day

Friday, 16 November 2018, 13 – 17.00 o’clock
Teaching Building Room 272 (INF 440) of the Heidelberg University Children’s, Women’s & Dermatology Hospital

13:00 Giving a Sense to Nonsense – Pharmacological Modification of mRNA Surveillance in MSI Colorectal Cancer
  Jonas Becker – MMPU Group Blood Diseases (BD)

13:25 The Accessible Chromatin Landscape of Human Mesenchymal Stem Cells in Ageing
  Brian Mang Ching Lai – MMPU Group Stem Cell-Niche Networks in Ageing and Disease (SCN)

13:50 Unravelling T-ALL Heterogeneity by Single Cell and Single Strand Sequencing
  Ashley Sanders – MMPU Group Molecular Pediatric Oncology (MPO)

14:15 Polarization of TAMs to a Pro-Inflammatory Phenotype by Iron Oxide Nanoparticles as a Lung Cancer Therapy
  Natalie Horvat – MMPU Group Iron Homeostasis (IH)

14:40 Fecal Microbiome Signatures for Early Detection of Colorectal Cancer
  Ece Cevirgen – MMPU Group Cancer Early Detection (CED)

15:05 Role of Sumoylation in Protein Activity Regulation in Diabetic Neuropathy
  Daniel Rangel-Rojas – MMPU Group Chronic Pain (CP)

15:30 Understanding Heterogeneity of Drug Response in Chronic Lymphocytic Leukemia and the Role that Genetics and the Tumour Microenvironment Play
  Holly Giles – MMPU Group Systems Medicine of Cancer Drugs (SMCD)

16:00 NEW! Poster Session and Snacks and Get-Together
  Nitin Agarwal: Functional Roles and Mechanisms of ROS-dependent Sumoylation in Diabetic Neuropathy
  Aysel Ahadova: MMR Deficiency is an Early Event in Lynch syndrome Colorectal Cancer Pathogenesis
  Carolina Araujo Sousa: Neuropeptidome Analysis of Hypothalamic Neuroendocrine Circuits Regulating Core Body Temperature
  Silvia Colucci: Sensing of Liver Iron Content Requires Cell-Cell Communication between Hepatocytes and Liver Sinusoidal Endothelial Cells
  Büşra Erarslan-Uysal: Chromatin Accessibility Maps of Human T-cell Development Identify Cell of Origin in Pediatric T-cell Leukemia
  Pauline Pfuderer: Elevated Density of High Endothelial Venules in MSI Colorectal Cancers
  Sophie Rabe: The Influence of the Bone Marrow Niche on Drug Response Phenotypes of Blood Cancers.
  Katrin Schrenk-Siemens: Generation of hESC/hiPSC-derived Peripheral Neurons: a New Approach to Study Primary Noiceptive Neurons
  Yang Zhou: RNA Interactome in Osteosarcoma

17:00 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/