


# Programme of the 18<sup>th</sup> Public MMPU Research Day

27 April 2017, 13 – 17.00 o'clock

EMBL ATC, Courtyard Rooms A+B, Meyerhofstr. 1, 69120 Heidelberg

- 13:00  **Dissecting the Hypothalamic Circuitry Regulating Body Temperature**  
**Hong Wang**  
MMPU Group Chronic Pain
- 13:20  **Posttranscriptional Control of Cellular Iron Homeostasis: Where and When is it Important?**  
**Bruno Galy - German Cancer Research Center (DKFZ) Heidelberg**  
Guest of MMPU Group Iron Homeostasis
- 14:05  **Deciphering Heterogeneity in Blood Cancer Patients Using ex-vivo Drug Screens and Multi-omic Models**  
**Britta Velten** – MMPU Group Systems Medicine of Cancer Drugs
- 14:25 Coffee break
- 14:55  **Visualization of channel-activating protease (CAP) activity by peptide-based FRET probes**  
**Verena Rickert-Zacharias** – MMPU Group Blood Diseases Cystic Fibrosis
- 15:15  **RNA interactome studies in osteosarcoma**  
**Yang Zhou** – MMPU Group Blood Diseases
- 15:35  **Proteome Alterations and Mechanisms of Aging in the Cellular Network of Human Bone Marrow**  
**Patrick Horn** – MMPU Group Stem Cells & Aging
- 15:55  **Gene Regulatory Regions of Normal T-cell Precursors and T-Lymphoblastic Leukemia**  
**Büsra Erarslan Uysal** – MMPU Group Molecular Pediatric Oncology
- 16:15  **A Mouse Model for Lynch Syndrome: Development of Vaccines against MSI Cancers**  
**Mine Özcan** – MMPU Group Cancer Early Detection
- 16:35 Snacks and Get-together