

Programme of the

# 26<sup>th</sup> Public MMPU Research Day

Thursday, 7 April 2022, 13:00 – 17:00

EMBL Heidelberg, Large Operon

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| 13:00 | <b>Characterisation of Crosstalks Between Signalling and Metabolism in Kidney Fibrosis Progression</b><br><b>Aurelien Dugourd</b> – MMPU Group Chronic Kidney Disease (CKD)  |
| 13:25 | <b>Polarization of Tumor-Associated Macrophages (TAMs) by Super-Paramagnetic Iron Oxide Nanoparticles (SPIONs) as a Candidate for Adjuvant Lung Cancer Therapy</b><br><b>Natalie Horvat</b> – MMPU Group Iron Homeostasis (IH) |
| 13:50 | <b>Analysis of Neuroactive Peptides on Mouse Hypothalamic Thermoregulation</b><br><b>Carolina Araujo Sousa</b> – MMPU Group Chronic Pain & Homeostasis (CPH)   |
| 14:15 | <b>Single-Cell Profiling of the Lymph Node Tumor Microenvironment in Non-Hodgkin Lymphoma</b><br><b>Felix Czernilofsky</b> – MMPU Group Systems Medicine of Cancer Drugs (SMCD)  |
| 14:40 | <b>Uncovering the Landscape of RNA-binding Proteome in Osteosarcoma</b><br><b>Yang Zhou</b> – MMPU Group Blood Diseases (BD)   |
| 15:05 | <b>Coffee break</b>  |
| 15:40 | <b>Role of Protein Arginine Methyltransferases in Cardiac Homeostasis and Disease</b><br><b>Victoria Mauz</b> – MMPU Group Heart Development and Diseases (HDD)  |
| 16:05 | <b>Single Cell Profiling of Xenograft Mouse Models Reveals Bone Marrow Stem Cell Niche Remodeling upon Acute Myeloid Leukemia</b><br><b>Karin Prummel</b> – MMPU Group Stem Cell-Niche Networks in Ageing and Disease (SCN)    |
| 16:30 | <b>Exploring Complex Chromosome Rearrangements in CRISPR-Mediated Gene Therapy</b><br><b>Büşra Erarslan-Uysal</b> – MMPU Group Molecular Pediatric Oncology (MPO)  |
| 17:00 | <b>End of the 26th Public MMPU Research Day</b>  |

The event is free to attend but registration is absolutely required. There is limited seating capacity. Please write to [info@mmpu.de](mailto:info@mmpu.de) and send your contact details to register. The Corona rules of EMBL apply, FFP2 masks are mandatory and 3G will be checked.