

Programme of the

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

Thursday, 14 September 2023, 13:00 – 17:00

EMBL Heidelberg, Meyerhofstr. 1, Lecture Hall Imaging Center

- 13:00** A multi-omics and mechanistic modeling approach to study the underlying mechanisms of CKD  
**Nadine Tüchler** – MMPU Group Chronic Kidney Disease
- 13:25** Ferroptosis causes pancreatic failure in a mouse model of non HFE hemochromatosis (FPNC326S)  
**Mariène Le Tertre** – MMPU Group Iron Homeostasis (IH)
- 13:50** Ex vivo drug response profiling for response and outcome prediction in hematologic malignancies: The prospective non-interventional SMARTrial  
**Peter-Martin Bruch** – MMPU Group Systems Medicine of Cancer Drugs (SMCD)
- 14:15** Aging signature of hematopoiesis varies with differentiation stages within the developmental trajectory  
**Laura Poisa** – MMPU Group Stem Cell-Niche Networks in Ageing and Disease (SCN)
- 14:40** Discovering therapeutic targets in acute leukemias using reverse engineering in vivo  
**Yuqiao Gao** – MMPU Group Molecular Pediatric Oncology (MPO)
- 15:05** Coffee break
- 15:35** HDAC4-NCoR/HDAC3 complex formation drives cardiometabolic disease  
**Harikrishnareddy Paluvai** – MMPU Group Heart Development and Disease (HDD)
- 16:00** Exploring therapeutically promising vulnerabilities in osteosarcoma based on systematic analyses of RNA-protein interactomes  
**Partho Ray** – MMPU Group Blood Diseases (BD)
- 16:25** Deep intravital brain tumor imaging enabled by tailored three-photon microscopy and analysis  
**Robert Prevedel** – MMPU Group Chronic Pain & Homeostasis (CPH)
- 16:50** End of the 29th Public MMPU Research Day

**The event is free to attend but registration is required.**

Please simply write to [info@mmpu.de](mailto:info@mmpu.de) and send your contact details to register.

Contact: **Britta Schläger** at [info@mmpu.de](mailto:info@mmpu.de)

Information: <https://www.embl.org/about/info/mmpu/>



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