

Programme of the

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

Tuesday, 5 March 2024, 13:00 – 17:00

BioQuant Heidelberg, INF 267, Room 041

- 13:00** **Elucidating the mechanisms of relapse in T-ALL using single cell technologies**  
**Julia Costea** – MMPU Group Molecular Pediatric Oncology (MPO)
- 13:25** **Cell-autonomous osteoclast iron deficiency leads to osteopenia**  
**Tiago Carvalho Oliveira** – MMPU Group Iron Homeostasis (IH)
- 13:50** **An organoid platform reveals enhanced radiosensitization by targeting Ras-MAPK pathway in colorectal cancer**  
**Qiyun Xiao** – MMPU Group Microbiota Drug Metabolism and Cancer Therapy (MDMC)
- 14:15** **The RNA-binding protein PCBP1 in oxidative stress responses**  
**Manouk Gerritsen** – MMPU Group Translational RNA Biology (TRB)
- 14:40** Coffee break
- 15:10** **ECM-guided immunotherapy of brain tumors**  
**Michael Platten** – Guest of MMPU
- 15:40** **Studying the role of the tumour microenvironment in B-NHL using multiplexed immunohistochemistry *at scale***  
**Matthias Meyer-Bender** – MMPU Group Systems Medicine of Cancer Drugs (SMCD)
- 16:05** **Human Ecosystems Research at EMBL**  
**Oliver Stegle** – Guest of MMPU
- 16:35** **Modelling Cross-conditional Intercellular Mechanisms from Single-cell and Spatial Omics Data**  
**Daniel Dimitrov** – MMPU Group Chronic Kidney Disease (CKD)
- 17:00** End of the 30th 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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