

Programme of the

31st Public MMPU Research Day

Tuesday, 15 October 2024, 13:00 – 17:00

EMBL Heidelberg, Imaging Center Lecture Hall

- 13:00** **Gene therapy for sickle cell disease what have we learnt**
Marina Cavazzana – Guest of MMPU Group Translational RNA Biology (TRB)
- 13:40** **Unravelling the molecular origin of Brain mechanics**
Alba Diz-Muñoz – MMPU Group ECM-Brain (ECMB)
- 14:05** **Inflammation remodels the bone marrow mesenchymal niche and T-cell landscape in clonal hematopoiesis and associated myelodysplasia**
Karin Prummel – MMPU Group Stem Cell-Niche Networks (SCN)
- 14:30** **Origins of de novo chromosome rearrangements unveiled by coupled imaging and genomics**
Marco Cosenza – MMPU Group Molecular Pediatric Oncology (MPO)
- 14:55** **Coffee break**
- 15:25** **RNF145 governs lipid metabolism in renal epithelial cells**
Lena Hipp – MMPU Group Chronic Kidney Disease (CKD)
- 15:50** **Unraveling the pathway dependencies in chronic lymphocytic leukemia through drug-perturbed transcriptomic profiling and statistical modeling**
Caroline Lohoff – MMPU Group Systems Medicine of Cancer Drugs (SMCD)
- 16:15** **How can neurons modulate the metabolism of pancreatic cancer cells**
Amandine Prats – MMPU Group Chronic Pain and Homeostasis (CPH)
- 16:40** **Molecular control of iron metabolism in the acquisition of cell phenotypes**
Bruno Galy – Guest of MMPU Group Iron Homeostasis (IH)
- 17:05** **End of the 31st Public MMPU Research Day**

The event is free to attend but registration is required.

Please simply write to info@mmpu.de and send your contact details to register no later than Oct 7, 2024.

Contact: **Britta Schläger** at info@mmpu.de

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

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