

Venue



Großer Hörsaal Medizinische Klinik
Department of Medicine (Nr. 11)
Medical Center - University of Freiburg
Hugstetter Str. 55
79106 Freiburg

Directions

Take the entrance "Medizinische Klinik", pass the information and go to the elevators. The "Großer Hörsaal Medizinischen Klinik" is on the first floor (1. OG).

Organisation Research Day

Faculty of Medicine - Research Management

Programme Committee Research Day

Prof. Robert Zeiser and Prof. Marco Prinz

Please fill in the registration form

<https://www.med.uni-freiburg.de/de/forschung/registration-research-day>

Albert-Ludwigs-University Freiburg

Contact Research Day 2019

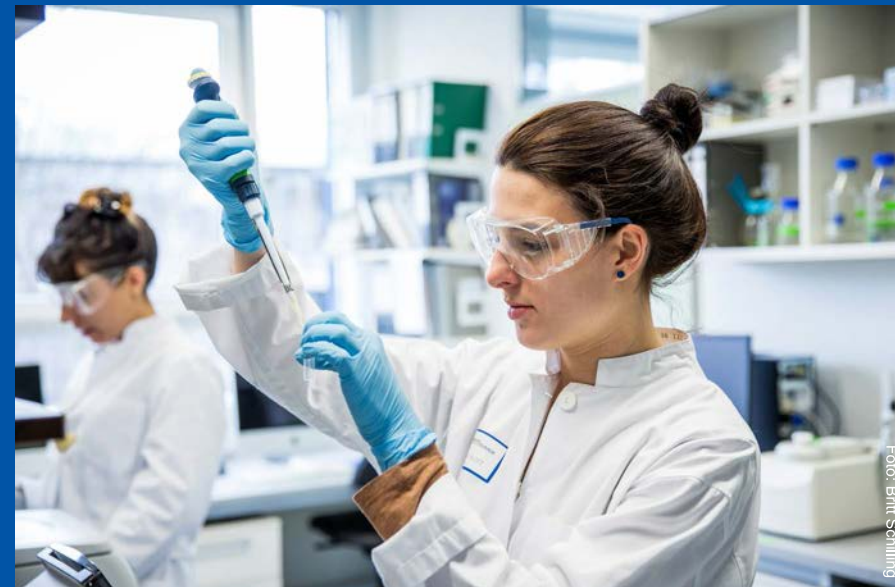
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Research Day

16 November 2019

Faculty of Medicine and
Medical Center - University of Freiburg

Programme



Albert-Ludwigs-University Freiburg

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Research Day

Saturday, 16 November 2019, 09:00 a.m. - 03:00 p.m.

Großer Hörsaal Innere Medizin, Medical Center - University of Freiburg

09:00 - 09:10

Welcome and opening remarks

Carola Hunte, Vice-Dean of Research of the Faculty of Medicine

09:10 - 11:00

Novel technologies - basic principles and methods

Chair: Katrin Kierdorf (Institute of Neuropathology)

Modelling early carcinogenesis in colon organoids

Tilmann Brummer (Institute of Molecular Medicine and Cell Research)

Optogenetics

Ilka Diester (Institute of Biology III)

Deciphering organ architecture by single-cell RNA-sequencing

Dominic Grün (Max Planck Institute of Immunobiology and Epigenetics)

Proteomic single-cell analysis of the brain by CyTOF and Multiplexed Ion Beam Imaging

Dunja Mrdjen (Stanford University, Department of Pathology)

Metabolic Imaging with MRI- more than just pictures

Dominik von Elverfeldt (Department of Radiology)

Light sheet fluorescence microscopy

Sebastian Arnold (Department of Experimental and Clinical Pharmacology and Toxicology)

11:00 - 11:30

- Coffee break -

11:30 - 12:30

Application of novel technologies in different disease entities

Chair: Petya Apostolova (Department of Medicine I)

Single cell sorting & RNAseq: Neuro-inflammation and glioblastoma

Roman Sankowski (Institute of Neuropathology)

CyTOF: Profiling of T cell exhaustion

Bertram Bengsch (Department of Medicine II)

Organoids: Patient-derived organoid (PDO) cultures for pancreatic cancer

Uwe Wittel (Department of General and Visceral Surgery)

12:30 - 14:00

- Lunch and Poster Session -

14:00 - 14:45

Keynote

Nutritional infections and their role in common human cancers

Harald zur Hausen (Winner of the Nobel Prize in Physiology/Medicine 2008 „for his discovery of human papilloma viruses causing cervical cancer“)

14:45 - 15:00

Closing remarks and Poster Award Ceremony

Norbert Südkamp, Dean of the Faculty of Medicine