

Program

9.00 Arrival and Registration

9.30 Opening remarks

Session 1 (Chairs: Cristina Brischetto & Birgit Sawitzki)

9.50 Keynote: Alexandre Loupy, Université Paris Cité, Paris Institute for Organ Transplantation and Regeneration, INSERM, Paris
Title tba

10.30 Johanna Bolander, BIH@Charité „Optimizing Therapeutic Development: Linking Preclinical Insights with Human In Vitro Models”

Quick Coffee (15')

11.00 Lucie Loyal, BIH@Charité „CD40L+ CD8+ T cells - tracking down a mystery”

11.15 Ana Pérez López, TU Berlin „Catamab: Advancing Targeted Chemotherapy and the Potential for Non-Animal Testing Models”

11.30 Birgit Sawitzki, BIH@Charité „When Organs Collide: How dysregulated inter-organ communication causes multimorbidity”

Lunchbreak (60')

Session 2 (Chairs: Milad Rezvani & Sina Bartfeld)

13.00 Keynote: Lauriane Cabon, Roche Institute of Human Biology, Basel
„Applications of Organoid Technologies in Drug Development and Strategies for Accelerated Adoption “

13.40 Sunasheer Bhattacharjee, TU Berlin „Decoding Human Breath from the Perspective of Molecular Communication”

13.55 Annika Eby Pfeiffer, RKI „Swine Influenza in Humans--Which Factors Drive Interspecies Transmission? ”

14.10 Francesca Dal Pozzolo, MDC „A platform for reproducible and scalable brain organoids to model neurodevelopmental disorders”

14.25 Erik Becher, Charité „In-Depth Characterization of Lung Organoids: An Imaging-Multi-Omics Approach ”

Coffee and Cake (30')

Session 3 (Julian Braun & Birgit Sawitzki)

15.15 Keynote: Milica Radisic, University of Toronto, Institute of Biomaterials and Biomedical Engineering
„Complex organoid systems reveal immune cell's functions“

15.55 Afonso Vieira, TU Berlin „Infant-derived intestinal organoids as a tool to study enteric infection”

16.10 Karen Hoffmann, Charité „Alveolus-on-a-chip for pneumonia research ”

16.25 Tengku Ibrahim Maulana, Uni Tübingen „Breast cancer-on-chip model for efficacy and safety testing of CAR-T cells”

16.40 Moritz Queisner, Charité „From Slices to Spaces – How 4D Simulation Can Improve Biomedical Visualization”

Closing Remarks

17.00 Poster, Wine and Snacks