

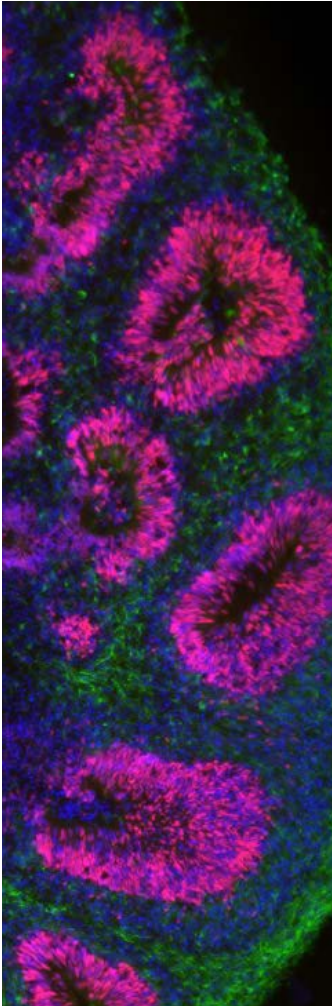
Charité 3^R Symposium 2024

Innovative approaches in experimental research

14th November 2024, 1 - 7 pm

Charité Cross Over, Auditorium
CCM, Virchowweg 6, Charitéplatz 1, 10117 Berlin

➤ [Please register here](#)



1:00 pm **Opening** | Stefan Hippenstiel, Charité
6 Years Charité 3^R

1:15 pm **Cardiology**

Jolanda van der Velden, Amsterdam University Medical Center
Modelling human heart failure

Felix Hohendanner, Charité
Machine learning to tackle atrial fibrillation

Jennifer Mein, Charité
Positive reinforcement in cardiac research with pigs

2:40 pm Coffee Break

3:00 pm **Neurology**

Giuseppe Testa, Fondazione Human Technopole and University of Milan
Towards human neurodiversity in a dish: scaling brain organoids to capture gene environment interplay through development

Sarah Shoichet, Charité
Defective Ras signaling in human cerebral organoids

Markus Schülke, Charité
Using human stem cell models for the repurposing of EMA-approved drugs for mitochondrial diseases

4:25 pm Coffee Break

4:45 pm **Oncology**

Max Reichert, Technische Universität München
Harnessing Advanced Organoid Technologies to Functionalize Complex Tumor Biology

Björn Papke, Charité
Modelling colorectal liver metastases in decellularized human liver tissue

Linda Hammerich, Charité
Reduction and refinement strategies in mouse models for liver cancer

6:10 pm **Networking** | Poster Session with Poster Pitches

6:30 pm Wine and Cheese