

14th CABMM Symposium
“Tissue and disease models on-a-chip”
Thursday, June 26th, 2025
University of Zurich
Lecture room Y22-F-62/68/70

12:30 – 12:45 **Welcome**

Session 1:

- 12:45 – 13:45 Keynote lecture:
“Beyond static models: Dynamic chip systems for predictive in vitro research”
Dr. Julia Boos
Bio Engineering Laboratory, ETH Zurich
- 13:45 – 14:15 **“Engineered Artery Analogues for Atherosclerosis Modeling”**
Dr. Anna Mallone
Transplant Immunology Lab, University Hospital Zurich
- 14:15 – 14:45 **“Microengineered Lung Parenchyma: Alveolar and Vascular-on-Chip Models”**
Prof. Olivier Guenat
Organs-on-Chip Technologies, ARTORG Center for Biomedical Engineering Research, University of Bern
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14:45 – 15:15 Coffee Break

Session 2:

- 15:15 – 16:15 Keynote lecture:
“REPLATE: a re-usable, multi-compression organ-on-chip platform for mechano-assessment of human chondrocytes”
Dr. Carlo Alberto Paggi
Chiron, Maastricht, The Netherlands
- 16:15 – 16:45 **“Mechanically active Nucleus pulposus-on-a-chip”**
Dr. Olga Krupkova
Department of Biomedicine, University of Basel & University Hospital Basel
- 16:45 – 17:15 **“Miniaturized Musculoskeletal Tissues on Chip”**
Prof. Xiao-Hua Qin
Biomaterials Engineering, ETH Zurich
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17:15 – 17:45 Panel discussion

17:45 – 18:00 **Concluding remarks**

Followed by an Apéro for all participants