BRIDGING SCALES - CIM-IMPRS GSM 2026
From Molecules to Tissues | Multiscale Imaging Centre (MIC) Münster, Germany

Wednesday, 4 November 2026

TBA = talk title not published on the source website.

12:30 - 13:00 Registration

13:00 - 13:10 Symposium opening

SESSION 1 - TISSUE MECHANICS	
13:10 - 13:40	**Mechanical self-organization in morphogenesis** Dr. Fridtjof Brauns, MPI for Molecular Cell Biology and Genetics · MPI for the Physics of Complex Systems
13:40 - 14:10	**From DNA Nanotechnology to Biomedical Insight** Prof. Dr. Ralf Jungmann, Max Planck Institute of Biochemistry · LMU Munich
14:10 - 14:50	**KEYNOTE: Understanding forces and shapes of intestinal organoids through the bubbly vertex model** Prof. Dr. Ulrich S. Schwarz, Heidelberg University · BioQuant
14:50 - 15:30	**Coffee break**

SESSION 2 - NEUROSCIENCE	
15:30 - 16:00	**New neurons for old brains** Prof. Dr. med. Sebastian Jessberger, University of Zurich
16:00 - 16:30	**Endocytic adaptors in brain function** Prof. Dr. Tanja Maritzen, RPTU Kaiserslautern-Landau
16:30 - 17:10	**KEYNOTE: Reactive astrocytes in Alzheimer's disease from mice to men** Prof. Dr. Elly M. Hol, UMC Utrecht Brain Center · Utrecht University
17:10 - 18:30	**Poster flash talks / introduction**

Thursday, 5 November 2026

08:30 - 09:00 Registration

09:00 - 09:10 Opening

SESSION 3 - STRUCTURAL BIOLOGY	
09:10 - 09:40	**Actin in Action: structural mechanisms of actin recognition by molecular probes and bacterial virulence factors** Dr. Alexander Belyy, University of Groningen · GBB Institute
09:40 - 10:10	**Imaging ER membrane-localized chaperone assisted folding of amino acid permeases** Dr. Sofia Dimou, Stockholm University
10:10 - 10:40	**Insights into the Modulation of Cytoskeletal Motility and Dynamics** Prof. Dr. Matthias Preller, Hochschule Bonn-Rhein-Sieg
10:40 - 11:10	**Coffee break**

SESSION 4 - EPIGENETICS	
11:10 - 11:50	**KEYNOTE: Transcriptional condensates in health and disease** Dr. Dénes Hnisz, Max Planck Institute for Molecular Genetics
11:50 - 12:20	**Decoding and re-programming epigenomes of human T lymphocytes** Prof. Dr. Julia Polansky, Charité · BIH-BCRT · DRFZ
12:20 - 12:50	**Changes to 3D genome architecture control commitment to cell aging** Prof. Dr. Argyris Papantonis, University Medical Center Göttingen
13:00 - 14:00	**Lunch**

Thursday, 5 November 2026 (continued)

SESSION 5 - DEVELOPMENT	
14:00 - 14:30	**Towards a quantitative dynamic understanding of neuronal uptake and degradation in vivo** Prof. Dr. Francesca Peri, University of Zurich
14:30 - 15:00	**Embryo size control** Prof. Takashi Hiiragi, M.D., Ph.D., Hubrecht Institute
15:00 - 15:40	**KEYNOTE: Systems-Level Insights into Inter-Organ Communication and Metabolic Regulation in Drosophila** Prof. Norbert Perrimon, Ph.D., Harvard Medical School · Howard Hughes Medical Institute
15:40 - 16:50	**Coffee break | Poster session | Poster flash talks**

SESSION 6 - ALUMNI & SPONSORS	
16:50 - 17:20	**Advances in Brain Delivery of Biologics for the Treatment of Neurodegenerative Diseases** Dr. Urs Langen, Roche
17:20 - 17:50	**From Münster to Galway: Building a Career in Research and Academia** Dr. Dmitrii Kalinin, University of Galway, Ireland
17:50 - 18:30	**Marina Able | Proteintech Tech Talk**
18:30 - open end	**Social event**

Friday, 6 November 2026

08:30 - 09:00 Registration

SESSION 7 - CANCER	
09:00 - 09:30	**Errors in mitosis as a source of inherited (epi)genetic instability** Dr. Stamatis Papathanasiou, Institute of Molecular Biology, Mainz
09:30 - 10:00	**Cancer: A multi-organ metabolic disorder** Dr. Maria Rohm, Institute for Diabetes and Cancer · Helmholtz Munich
10:00 - 10:40	**KEYNOTE: From Guardians to Foes: Host remodeling and neutrophil plasticity in cancer** Dr. José M. Adrover, Francis Crick Institute · British Heart Foundation
10:40 - 11:00	**Coffee break**

SESSION 8 - IMMUNOLOGY	
11:00 - 11:30	**Mechanism-guided vascular approach to unleash cancer immunotherapy** Dr. Mahak Singhal, Heidelberg University · HI-TAC
11:30 - 12:00	**Danger signal control of immune cell migration: emerging roles of organelles** Prof. Dr. Pablo J. Sáez, University Medical Center Hamburg-Eppendorf
12:00 - 12:40	**KEYNOTE: T-Flavored Granulopoiesis** Prof. Andrés Hidalgo, Ph.D., Yale School of Medicine
12:50 - 14:00	**Lunch**

Friday, 6 November 2026 (continued)

SESSION 9 - TRANSLATIONAL RESEARCH AND THERAPEUTICS	
14:00 - 14:30	**From correction to dosage: genome editing in polycystic kidney disease** Dr. Michael M. Kaminski, Berlin Institute for Medical Systems Biology · Max Delbrück Center
14:30 - 15:00	**TBA** Prof. Dr. Grażyna Kwapiszewska-Marsch, Justus Liebig University Giessen · Medical University of Graz · LBI-LVR
15:00 - 15:20	**Filopodia formation is essential for lymphatic development** Sanjay Sunil Kumar, University of Münster
15:20 - 15:40	**Organ specific patterning of blood vessels in the kidney** Vinayak Sivaramakrishnan, University of Münster

AWARDS & CLOSING	
15:40 - 16:00	**Poster awards**
16:00 - 16:15	**Closing & Feedback**