

Imaging Cell Dynamics

Montanyà Hotel, Catalonia, Spain

11 – 14 May 2026

Programme

Monday 11 May

- 12:00** **Registration opens**
- 12:30 – 14:00** **Lunch**
- 14:00 – 14:15** **Welcome**
- 14:15 – 14:45** **Emmanuel Derivery** MRC Laboratory of Molecular Biology, UK
Illuminating endosomal sorting with multispectral microscopy
- 14:45 – 15:15** **Francesca Bottanelli** Freie Universität Berlin, Germany
Unravelling the inner secrets of cells with gene editing and live-cell super-resolution microscopy
- 15:15 – 15:30** **Selected speaker 1**
- 15:30 – 15:45** **Selected speaker 2**
- 15:45 – 16:30** **Afternoon break**
- 16:30 – 17:00** **Loïc Royer** Chan Zuckerberg Biohub San Francisco, USA
Building a virtual embryo - one cell at a time
- 17:00 – 17:30** **Taija Mäkinen** University of Helsinki, Finland
Cellular dynamics governing lymphatic vessel morphology and functional resilience
- 17:30 – 17:45** **Selected speaker 3**
- 17:45 – 18:00** **Selected speaker 4**
- 18:00 – 19:00** **Free time**
- 19:00 – 20:00** **Speed networking and drinks**
- 20:00** **Dinner**

Tuesday 12 May

- 08:30 – 09:00** **Careers at a glance**
- 09:00 – 09:30** **Ben Engel** University of Basel, Switzerland
Environmental structural biology: exploring the molecular architecture of bioenergetic organelles
- 09:30 – 09:45** **Selected speaker 5**
- 09:45 – 10:00** **Selected speaker 6**

- 10:00 – 10:15** **Selected speaker 7**
- 10:15 – 10:30** **Sponsor talk**
- 10:30 – 11:15** **Morning break and exhibition**
- 11:15 – 11:45** **Ilaria Testa** KTH Royal Institute of Technology, Sweden
Capturing elusive cellular process at high spatial/temporal resolution
- 11:45 – 12:15** **Dong Li** Tsinghua University, China
Multi-dimensional super-resolution live imaging developments and applications
- 12:15 – 12:30** **Selected speaker 8**
- 12:30 – 12:45** **Selected speaker 9**
- 12:45 – 14:00** **Lunch**
- 14:00 – 14:30** **Sven Klumpe** Austrian Academy of Sciences, Austria
Snapshots of the mobile genome – in situ structural biology of transposable elements
- 14:30 – 15:00** **Aubrey Weigel** HHMI Janelia Research Campus, USA
Mapping cells at scale: from tissue volumes to community challenges in vEM
- 15:00 – 15:15** **Selected speaker 10**
- 15:15 – 15:30** **Selected speaker 11**
- 15:30 – 16:15** **Afternoon break and exhibition**
- 16:15 – 16:45** **Marco Fritzsche** University of Oxford, UK
Lighting up the dark mechanics of tumours
- 16:45 – 17:15** **Guillaume Jacquemet** Åbo Akademi University, Finland
Cell-cell communications using filopodia
- 17:15 – 17:30** **Selected speaker 12**
- 17:30 – 18:00** **Poster flash talks**
- 18:00 – 19:30** **Poster session and exhibition**
- 19:30** **Dinner**

Wednesday 13 May

- 08:30 – 09:00** **Jonas Ries** Max Perutz Labs Vienna, Austria
MINFLUX for dynamic structural cell biology
- 09:00 – 09:30** **Virginie Hamel** University of Geneva, Switzerland
Ultrastructure expansion microscopy: a new window into cell architecture
- 09:30 – 09:45** **Selected speaker 13**
- 09:45 – 10:00** **Sponsor talk**
- 10:00 – 10:45** **Morning break and exhibition**
- 10:45 – 11:15** **Lea Dietrich** Max Planck Institute for Brain Research, Germany
Charting the complex architecture of mitochondria in neurons

- 11:15 – 11:45** **Sarah Cohen** The University of North Carolina-Chapel Hill, USA
Visualizing organelle communication networks in differentiation and neurodegeneration
- 11:45 – 12:00** **Selected speaker 14**
- 12:00 – 12:15** **Selected speaker 15**
- 12:15 – 13:30** **Lunch**
- 13:30 – 15:00** **Free time**
- 15:00 – 16:00** **Discussion session:** Trends and challenges in publishing
- 16:00 – 16:30** **Afternoon refreshments and exhibition**
- 16:30 – 17:00** **Katja Röper** MRC Laboratory of Molecular Biology, UK
Mechanisms and mechanics of tube morphogenesis
- 17:00 – 17:30** **Gerry Hammond** University of Pittsburgh, USA
Visualizing phospholipid signaling dynamics in the living cell membrane
- 17:30 – 17:45** **Selected speaker 16**
- 17:45 – 18:00** **Selected speaker 17**
- 18:00 – 18:30** **Poster flash talks**
- 18:30 – 20:00** **Poster session and exhibition**
- 20:00** **Dinner**

Thursday 14 May

- 09:00 – 09:30** **Christophe Leterrier** CNRS-Aix Marseille University, France
The axonal cytoskeleton down to the nanoscale
- 09:30 – 09:45** **Selected speaker 18**
- 09:45 – 10:00** **Selected speaker 19**
- 10:00 – 10:15** **Selected speaker 20**
- 10:15 – 11:00** **Morning break**
- 11:00 – 11:15** **Selected speaker 21**
- 11:15 – 11:30** **Selected speaker 22**
- 11:30 – 12:00** **Giulia Zanetti** The Francis Crick Institute, UK
Mechanisms of transport in the early secretory pathway studied by cryo-electron tomography
- 12:00 – 12:30** **Ori Avinoam** Weizmann Institute of Science, Israel
Seeing the unseen: multimodal imaging reveals the unique exocytosis mechanism of large secretory vesicles
- 12:30** **Closing remarks**
- 12:45** **Lunch and depart**