

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 – <i>in situ</i> 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 – 18:15	Sponsor talk
18:15 – 19:45	Poster session and exhibition
19:45	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 – 18:45	Sponsor talk
18:45 – 20:15	Poster session and exhibition
20:15	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

