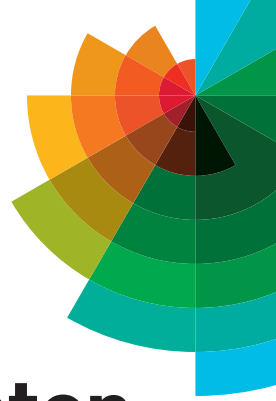
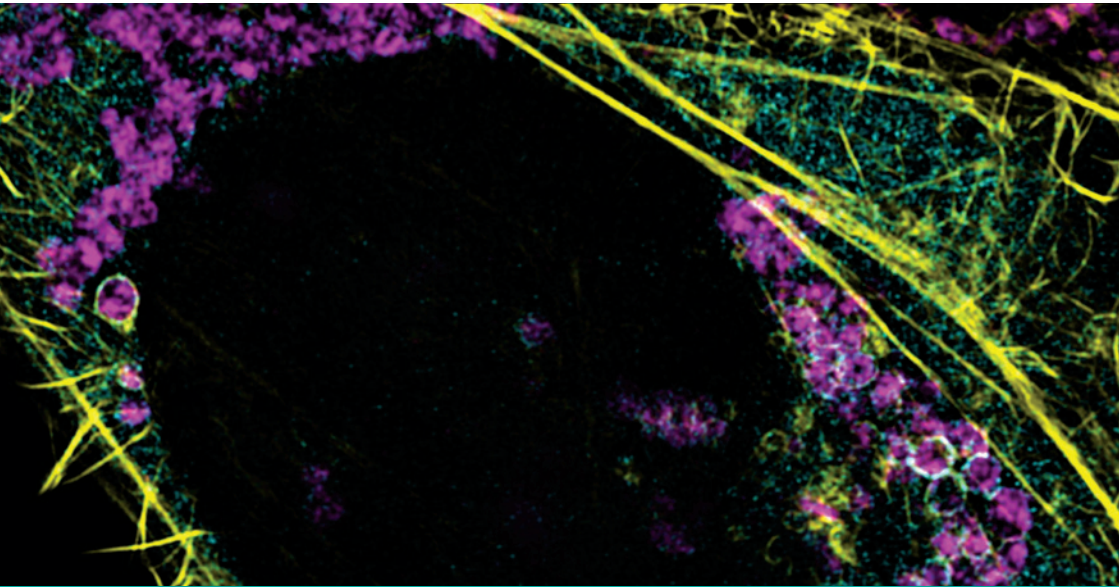


Programme



Cell Dynamics: Organelle-Cytoskeleton Interface



Pestana Palace Hotel, Lisbon, Portugal, 19 – 22 May 2019



Journal of
Cell Science

Programme

Sunday 19 May 2019

- 12:00** **Registration opens in the Belém Foyer**
- 12:30 – 13:50** **Lunch in the Valle-Flôr Restaurant**
All science sessions will be held in Belém I
- 14:00 – 14:15** **Sharon Ahmad**, Journal of Cell Science, UK
Welcome
Session 1 Chair: David Stephens, University of Bristol, UK
- The EMBO Keynote Lectures**
- 14:15 – 14:35** **Pietro de Camilli**, Yale University & HHMI, USA
Membrane lipid dynamics and neurodegeneration
- 14:45 – 15:05** **Jennifer Lippincott-Schwartz**, HHMI Janelia Research Campus, USA
Unraveling the spatial and temporal dynamics of subcellular organelles
- 15:15 – 15:25** **Lei Lu**, Nanyang Technological University, Singapore
Dopey1-Mon2 complex recruits Kinesin-1 for centrifugally biased bidirectional membrane trafficking
- 15:30 – 15:40** **Dyche Mullins**, University of California, San Francisco, USA
LC3 and STRAP regulate actin assembly by JMY during autophagosome assembly
- 15:45 – 16:25** **Coffee break in the Belém Foyer**
- 16:30 – 16:50** **Heidi McBride**, McGill University, Canada
New roles for PIPs in mitochondrial division
- 17:00 – 17:20** **Benoît Kornmann**, University of Oxford, UK
Mitochondrial dynamics: the cytoskeleton couples organelle movement and division
- 17:30 – 17:40** **Vaishnavi Ananthanarayanan**, Indian Institute of Science, India
Role of microtubules and associated proteins in mitochondrial dynamics and partitioning
- 17:45 – 17:55** **Vidhya Rangaraju**, Max Planck Institute for Brain Research, Germany
Powering memory: dissecting the energy supply of postsynaptic function
- 18:00 – 19:00** **Free time**
- 19:00 – 20:00** **EMBO-sponsored 'speed dating' event and pre-dinner drinks in the Stables**
- 20:00 – 21:30** **Dinner in Lusitano I**

Monday 20 May 2019

07:00 – 08:20 **Breakfast in the Valle-Flôr Restaurant**

Session 2 Chair: Folma Buss, University of Cambridge, UK

08:30 – 08:55 **Careers at a Glance**

Anna Akhmanova, Utrecht University, The Netherlands
Edgar Gomes, IMM University of Lisbon, Portugal

09:00 – 09:20 **Sharon Tooze**, The Francis Crick Institute, UK

The interplay of proteins and lipids driving autophagosome formation

09:30 – 09:50 **Wanda Kukulski**, MRC Laboratory of Molecular Biology, UK

Understanding functions of cellular membrane architectures by visualising their *in situ* structure

10:00 – 10:10 **Magdalena Marek**, University of Lausanne, Switzerland

Actin-independent sterol internalization from the plasma membrane

10:15 – 10:30 **Sponsored talk - Ricardo Bastos**, ONI, UK

Meet the Nanoimager, the next-generation super-resolution microscope

10:30 – 11:10 **Coffee break in the Belém Foyer**

11:15 – 11:35 **Michael Schrader**, University of Exeter, UK

Shapers and movers in peroxisome dynamics

11:45 – 12:05 **Graca Raposo**, Institut Curie, France

Dynamics of melanosomes in the physiopathology of human pigmentation

12:15 – 12:25 **Artur Ezquerro**, IRB Barcelona, Spain

KIF2A limits microtubule nucleation to ensure Golgi integrity, mTOR activation and cell cycle progression

12:30 – 13:50 **Lunch in the Ajuda Room**

Session 3 Chair: Sharon Tooze, The Francis Crick Institute, UK

14:00 – 14:20 **Amy Gladfelter**, University of North Carolina at Chapel Hill, USA

How septins sense micron-scale membrane curvature

14:30 – 14:50 **Michael Krauss**, Leibniz Research Institute of Molecular Pharmacology, Germany

Septins as regulators of Golgi morphology and function

15:00 – 15:10 **Thomas Nightingale**, Queen Mary University of London, UK

F-actin and septins coordinate to drive the exocytosis of a pro-haemostatic molecule from endothelial cells

15:15 – 15:25 **Rebecca McGillivray**, University of California, San Francisco, USA

Macronuclear shape and positioning in the giant ciliate, *Stentor coeruleus*

15:30 – 15:40 **Group photo**

- 15:45 – 16:10** **Coffee break in the Belém Foyer**
- 16:15 – 16:35** **Irina Kaverina**, Vanderbilt University, USA
The interplay between microtubules and the Golgi as a mechanism for cellular architecture
- 16:45 – 17:05** **Lukas Kapitein**, Utrecht University, The Netherlands
Dissecting the interplay between polarized transport and cytoskeletal architecture
- 17:15 – 17:35** **Erika Holzbour**, University of Pennsylvania, USA
Organelle dynamics in neurons
- 17:45 – 17:55** **Sandra Encalada**, The Scripps Research Institute, USA
Cytoskeletal-protein aggregate interactions in axons drive organelle transport disruptions in prion disease models
- 18:00 – 18:25** **Poster flash talks**
- **Cláudia Almeida**, CEDOC - NOVA Medical School, Portugal (P 3)
 - **Vincent Boudreau**, University of North Carolina at Chapel Hill, USA (P 9)
 - **Vincent Gache**, INMG/INSERM, France (P 29)
 - **Cynthia He**, National University of Singapore, Singapore (P 39)
 - **Yaming Jiu**, Institut Pasteur of Shanghai, China (P 45)
 - **Ramona Lattao**, University of Cambridge, UK (P 51)
 - **Anne Schlaitz**, Heidelberg University, Germany (P 73)
 - **Silvia Vargarajaur**, University Hospital Erlangen, Germany (P 83)
 - **Helen Zenner**, University of Cambridge, UK (P 91)
- 18:30 – 19:55** **Poster session 1 and pre-dinner drinks in Belém II**
- 20:00 – 21:30** **Dinner in the Ajuda Room**

Tuesday 21 May 2019

- 07:00 – 08:20** **Breakfast in the Valle-Flôr Restaurant**
Session 4 Chair: Steve Caplan, University of Nebraska Medical Center, USA
- 08:30 – 08:50** **Anna Akhmanova**, Utrecht University, The Netherlands
Multimotor transport of exocytotic vesicles
- 09:00 – 09:20** **Franck Perez**, Institut Curie, France
Transport to the cell surface in mammalian cells: exocytosis hotspots and trans-cellular transfer
- 09:30 – 09:40** **Allen Liu**, University of Michigan, USA
Cell-free expression of SUN proteins to construct artificial nuclear membranes
- 09:45 – 10:00** **Sponsored talk - Jordi Recasens**, Izasa Scientific, Spain
New technologies in N-SIM super resolution

- 10:00 – 10:40** **Coffee break in the Belém Foyer**
- 10:45 – 11:05** **Edgar Gomes**, IMM University of Lisbon, Portugal
Mechanisms of nuclear positioning during cell migration
- 11:15 – 11:35** **Dan Starr**, University of California, Davis, USA
Actin and microtubule networks function together to squeeze nuclei through constricted spaces
- 11:45 – 11:55** **Kirsten Garner**, University of Manchester, UK
KASH5: a new adaptor for dynein and dynactin
- 12:00 - 12:25** **Careers at a Glance**
Heidi McBride, McGill University, Canada
Sharon Ahmad, Journal of Cell Science, UK
- 12:30 – 13:30** **Lunch in the Ajuda Room**
- 13:30 – 16:00** **Free time**
- 16:00 – 16:25** **Coffee break in the Belém Foyer**
Session 5 Chair: Jennifer Lippincott-Schwartz, HHMI Janelia Research Campus, USA
- 16:30 – 16:50** **Folma Buss**, University of Cambridge, UK
Myo6-associated adaptor complexes regulate actin organisation and organelle dynamics
- 17:00 – 17:20** **Roberto Weigert**, National Institutes of Health, USA
Actomyosin cytoskeleton regulation of membrane remodeling in live animals
- 17:30 – 17:40** **Kristine Schauer**, Institut Curie, France
Comparative analysis in micropattern-normalized cells identifies MYO1C as regulator for incoming trafficking at the Golgi apparatus
- 17:45 – 17:55** **Jonathan Dragwidge**, Heidelberg University, Germany
The plant trans-Golgi network: a dynamic multi-functional organelle?
- 18:00 – 18:25** **Poster flash talks**
- **Nagaraj Balasubramanian**, Indian Institute of Science Education and Research, India (P 6)
 - **Carlos Cardanho-Ramos**, IMM University of Lisbon, Portugal (P 14)
 - **Luke Chao**, Massachusetts General Hospital, USA (P 16)
 - **Ramona Jühlen**, Free University of Brussels, Belgium (P 46)
 - **Jörg Renkawitz**, Ludwig Maximilians University Munich, Germany (P 68)
 - **Vasilios Tsarouhas**, Stockholm University, Sweden (P 80)
 - **Congying Wu**, Peking University, China (P 86)
- 18:30 – 19:55** **Poster session 2 and pre-dinner drinks in Belém II**
- 20:00 – 21:30** **Dinner in the Ajuda Room**

Wednesday 22 May 2019

- 07:00 – 08:25** **Breakfast in the Valle-Flôr Restaurant and check out**
Session 6 Chair: Dyche Mullins, University of California, San Francisco, USA
- 08:30 – 08:50** **María Isabel Geli, Institute for Molecular Biology of Barcelona, Spain**
Coupling sterol synthesis and transport at cER-endocytic contact sites
- 09:00 – 09:10** **Henriette Aksnes, University of Bergen, Norway**
A role for NAA80 in maintaining Golgi morphology through N-terminal acetylation of actin
- 09:15 – 09:35** **Harry Higgs, Dartmouth College, USA**
Actin-mediated ER/mitochondrial interactions through the formin INF2
- 09:45 – 09:55** **Felix Straub, University Hospital Regensburg, Germany**
SPIRE1-E13 coordinates actin/myosin functions in mitochondrial motility
- 10:00 – 10:10** **Andrew Moore, HHMI Janelia Research Campus, USA**
Actin comet tails drive mitochondrial mixing prior to cell division
- 10:15 – 10:55** **Coffee break in the Belém Foyer**
- 11:00 – 11:10** **Alina Fedoseienko, Mayo Clinic, USA**
Endosomal PI(3)P regulation by the CCC complex controls membrane protein recycling
- 11:15 – 11:25** **Tobias Zech, University of Liverpool, UK**
HRS-WASH complex axis governs actin-mediated endosomal recycling
- 11:30 – 11:50** **Michael Way, Journal of Cell Science & The Francis Crick Institute, UK**
The role of Arp2/3 complex diversity in regulation of the actin cytoskeleton
- 12:00 – 12:10** **Closing remarks**
- 12:15 – 13:30** **Lunch in the Ajuda Room**