

Cell & Developmental Biology

Virtual Meeting | June 3rd & 4th

| Date | Time | Track | Presentation Title | Speaker |
|-------|-----------------------|-------|---|---|
| 3-Jun | 02:00 - 03:00 AM CEST | | A Mitotic Error Code | KEYNOTE: Helder Maiato, PhD Chromosome Instability & Dynamics, I3S- Universidade do Porto, Portugal Principal Researcher |
| 3-Jun | 03:00 - 04:00 PM | | Using multimodal live imaging to study directed cell rearrangement during development | KEYNOTE: Jeff Hardin, PhD Department Chair, Department of Integrative Biology, University of Wisconsin |
| 3-Jun | 03:00 - 03:00 AM | | ALAn: A Tool for Automated Analysis of Epithelial Layer Architecture | Nicole Dawney 4th Year Graduate Student Bergstralh Lab, Department of Biology, University of Rochester |
| 3-Jun | 03:00 - 03:05 AM | | Cell Cycle Regulation of Morphogenetic Processes during Development | Rebecca Adikes, PhD Stonybrook University, Department of Biochemistry and Cell Biology PhD Molecular, Cell and Developmental Biology |
| 3-Jun | 03:00 - 03:00 AM | | Democratising Live-Cell Super-Resolution Microscopy Enabled by Open-Source Analytics | Ricardo Henriques University College London and Instituto Gulbenkian de Ciência |
| 3-Jun | 03:00 - 03:05 AM | | Insights from Imaging the Implanting Embryo and the Uterine Environment in Three Dimensions | Ripla Arora, PhD Assistant Professor, Department of Obstetrics Gynecology and Reproductive Biology, Institute for Quantitative Health Science and Engineering, Michigan State University |
| 3-Jun | 03:00 - 03:05 AM | | LED Illumination in Life Science Research | Christopher Deeks Field Sales Manager, CoolLED |
| 3-Jun | 03:00 - 03:05 AM | | Local and Acute Optogenetic Control of Microtubule Dynamics in Live Cells | Torsten Wittmann Professor, Department of Cell and Tissue Biology, University of California, San Francisco |

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| 3-Jun | 03:00 - 03:05 AM | | Mining the molecular noise: fluorescence fluctuation image analysis of microscopy and super-resolution microscopy images reveals biomolecule interactions & transport maps in living cells | Paul Wiseman, PhD Professor, Departments of Chemistry and Physics, McGill University |
| 3-Jun | 03:00 - 03:05 AM | | Multi-colour biological electron microscopy using EDS | Louise Hughes Product Manager, Life Sciences, Oxford Instruments NanoAnalysis |
| 3-Jun | 03:00 - 03:05 AM | | OPT-ical Tomography for Developmental Biologists | Gabriel Martins Head of Advanced Imaging at Instituto Gulbenkian de Ciencia - Oeiras, Portugal, Professor of Bioimaging, Faculty of Science, University of Lisbon |
| 3-Jun | 03:00 - 03:05 AM | | Sas- 6/Ana2 Particles (SAPs) as a new model to probe the pathway of centriole and centrosome assembly | Alan Wainman Raff lab, Dunn School of Pathology - Oxford University |
| 3-Jun | 03:00 - 03:05 AM | | Syd/JIP3 Controls Tissue Size by Regulating Diap1 Turnover Downstream of Yorkie/YA | Vakil Ahmad Division of Biological Sciences, University of Missouri Columbia MO |
| 3-Jun | 03:00 - 03:05 AM | | The Quagmire of Quantitative Confocal Microscopy | James Jonkman Staff Scientist, Advanced Optical Microscopy Facility (AOMF), University Health Network, Toronto, Canada |
| 3-Jun | 03:00 - 03:05 AM | | Uncovering Mammary Gland-Resident Macrophages by 3D and Intravital Imaging | Caleb Dawson, PhD The Walter and Eliza Hall Institute of Medical Research |
| 4-Jun | 02:00 - 03:00 PM | | Lipoma Preferred Partner (LPP) Regulates Breast Cancer Cell Migration and Invasion | KEYNOTE: Claire Brown, PhD Associate Professor & Director, Advanced Bioimaging Facility, McGill University, Montreal |