

# Cell & Developmental Biology

Virtual Meeting | June 3<sup>rd</sup> & 4<sup>th</sup>

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

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 Biolmaging Facility, McGill University, Montreal