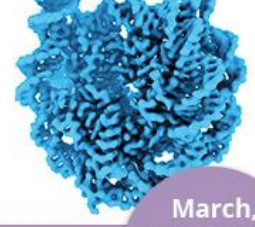
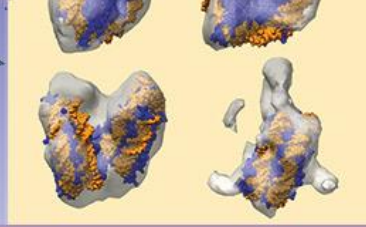
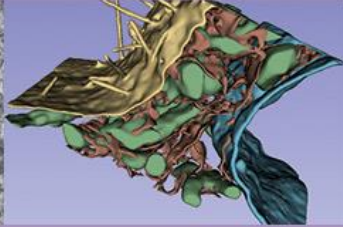
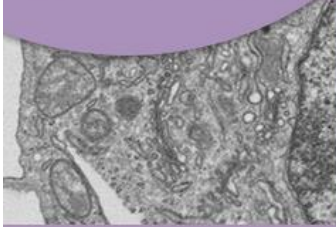


Symposium on recent developments in cellular electron microscopy

Monday, March 21st 2022

- ▶ **9.00 am – 9.10 am** **Opening word**
- ▶ **9.10 am – 12.30 pm** **Session 1: Volumetric Imaging.**
- ▶ **9.10 am – 9.55 am** Keynote speaker: Enhanced FIB-SEM: a discovery platform for vEM - **Shan C. XU** - Janelia Research Campus, Howard Hughes Medical Institute - USA
- ▶ **10.00 am – 10.40 am** Volume-SEM imaging as a link between light microscopy and high-resolution TEM - **Christel GENOUD** - Faculty of Biology and Medecine, University of Lausanne, Switzerland
- ▶ **10.45 am – 11.00 am** **Coffee break**
- ▶ **11.00 am – 11.40 am** **Lucy COLLINSON** - Francis Crick Institute, UK
- ▶ **11.45 am – 12.05 pm** Resolving tumor metastasis with cellular electron microscopy - **Jacky GOETZ** - Biomedicine Research Center of Strasbourg, France
- ▶ **12.10 pm – 12.30 pm** *To be announced*
- ▶ **12.30 pm – 2.00 pm** **Lunch Break**
- ▶ **2.00 pm – 5.55 pm** **Session 2: Cryogenic electron tomography.**
- ▶ **2.00 pm – 2.45 pm** Keynote speaker: **Wolfgang BAUMEISTER** - Max Planck Institute of Biochemistry, Germany
- ▶ **2.50 pm – 3.30 pm** Unravelling the structure of toxic protein aggregates in situ - **Ruben FERNANDEZ-BUSNADIEGO** - University Medical Center Göttingen, Germany
- ▶ **3.35 pm – 4.15 pm** **Florian SCHUR** - Institute for Science and Technology, Austria
- ▶ **4.20 pm – 4.35 pm** **Coffee break**
- ▶ **4.35 pm – 5.05 pm** *To be announced*
- ▶ **5.10 pm – 5.30 pm** *To be announced*
- ▶ **5.35 pm – 5.55 pm** Deep learning sheds light on chromatin folding in situ - **Mikhail ELTSOV**, Institute of Genetics and Molecular and Cellular Biology, France



Symposium on recent developments in cellular electron microscopy

Tuesday, March 22nd 2022

- ▶ **9.10 am – 12.30 pm** **Session 3: Correlative Light and electron microscopy.**
- ▶ **9.10 am – 9.55 am** Keynote speaker: **Peter DAHLBERG** - Department of Chemistry, Stanford University, USA
- ▶ **10.00 am – 10.40 am** **Kay GRUNEWALD** - Heinrich Pette Institute, Leibniz Institute for Experimental Virology, Germany
- ▶ **10.45 am – 11.00 am** **Coffee break**
- ▶ **11.00 am – 11.40 am** Multi-scale imaging by cryoET: from cellular volume to near-atomic resolution - **Peijun ZHANG** - Division of Structural Biology, Nuffield Department of Clinical Medicine, University of Oxford, UK
- ▶ **11.45 am – 12.05 pm** *To be announced*
- ▶ **12.10 pm – 12.30 pm** Gold nanoparticles for in situ labelling of proteins in cryo-electron tomograms - **Victor HANSS**, Institute of Genetics and Molecular and Cellular Biology, France
- ▶ **12.30 pm – 2.00 pm** **Lunch Break**
- ▶ **2.00 pm – 5.55 pm** **Session 4: Technology and methods developments.**
- ▶ **2.00 pm – 2.45 pm** Keynote speaker: **John Briggs** - MRC Laboratory of Molecular Biology, UK
- ▶ **2.50 pm – 3.30 pm** *To be announced*
- ▶ **3.35 pm – 4.15 pm** Methods for cryo subtomogram analysis of continuous conformational heterogeneity of macromolecules - **Slavica JONIC** - Institute of Mineralogy, Physics of Materials and Cosmochemistry, France
- ▶ **4.20 pm – 4.35 pm** **Coffee break**
- ▶ **4.40 pm – 5.05 pm** *To be announced*
- ▶ **5.10 pm – 5.30 pm** *To be announced*
- ▶ **5.35 pm – 5.55 pm** *To be announced*

Registration : <https://devcellem.sciencesconf.org/>