

# 3D Electron Microscopy: From Molecule to Organism

22-23 May 2014

Amphithéâtre de l'Institut du Cerveau et de la Moelle Epinière,  
Hôpital de la Pitié Salpêtrière  
47, bd de l'hôpital - 75013 Paris

## Thursday May 22<sup>nd</sup> 2014

- 11:00** *Sponsor session & Registration opening*
- 13:00** *Welcome sandwiches & coffee*
- 14:00** Welcome introduction
- 14:10** **Opening conference: Wolfgang Baumeister**  
Max-Planck Institute of Biochemistry, Martinsried,  
Germany  
"Electron Cryomicroscopy: From Molecules to Cells"
- 15:00** **Patrick Schultz**  
IGBMC, Strasbourg, France  
"The role of the co-activator SAGA in type7  
Spinocerebellar Ataxia, a neuro-degenerative genetic  
disease"
- 15:30** **Flash presentation**  
**15:45** **Flash presentation**
- 16:00** *Coffee break - Sponsors & Poster sessions*
- 17:00** **Gebhard Schertler**  
PSI, Villigen, Switzerland  
"The future of 3D EM in combination with X-ray imaging  
on Synchrotrons and Free Electron Lasers"
- 17:30** **Helen Saibil**  
ISBM, London, United Kingdom  
"Cryo EM of membrane hole punching machines"
- 18:15** *Cocktail - Sponsors & Poster sessions*

## Friday May 23<sup>rd</sup> 2014

- 9:00** **Paul Guichard**  
EPFL/ISREC, Lausanne, Switzerland  
"Towards a molecular architecture of centriole"
- 9:30** **Victor Small**  
IMB, Vienna, Austria  
"Resolving Actin Networks by Electron Tomography"
- 10:00** **Flash presentation**  
**10:15** **Flash presentation**
- 10:30** *Coffee break - Sponsors & Poster sessions*
- 11:30** **Bernd Minnich**  
University of Salzburg, Salzburg, Austria  
"Morphometric 3D measurements from stereopaired SEM  
images with special emphasis on microvascular  
angioarchitectures and optimalities of vascular networks"
- 12:00** **Graça Raposo-Benedetti**  
Institut Curie, Paris, France  
"Intracellular compartmentation in 3D"
- 12:30** *Lunch - Sponsors & Poster sessions*
- 14:00** **Christel Genoud**  
FMI, Basel, Switzerland  
"Exploring the ultrastructure of large volumes with serial  
block-face scanning electron microscopy methods"
- 14:30** **Flash presentation**  
**14:45** **Flash presentation**
- 15:00** *Coffee break - Sponsors & Poster sessions*
- 15:45** **Angel Merchà-Pérez**  
Instituto Cajal, Madrid, Spain  
"New technologies for three-dimensional electron  
microscopy and image analysis of the brain"
- 16:15** **Flash presentation**
- 16:30** **Closing conference: Bruce D. Trapp**  
Lerner Research Institute, Cleveland, USA  
"Axoplasmic and Synaptic pathology in Diseases of Myelin:  
The View from 3D Electron Microscopy"