

# Frontiers in Microscopy & Microanalysis

## Cryo-Electron Microscopy Workshop

09:00 – 09:30 Welcome Coffee/Tea

09:30 – 09:45 Welcome/Intro - Thermo Fisher Scientific/CMM

09:45 – 10:45 **Radostin Danev**, *MPI Munich Germany*  
*Cryo-EM with Volta Phase Plate*

10:45 – 11:30 **Alex De Marco**, *Monash University*  
*PFIB for life science applications*

11:30 – 12:15 **Bostjan Kobe**, *University of Queensland*  
*Using cryo-electron microscopy and helical reconstruction to characterize cytoplasmic signalling by Toll-like receptors*

12:15 – 13:00 **Lunch - Hosted by Thermo Fisher Scientific**

13:00 – 13:30 **Thermo Fisher**  
*Presentation of new capability and tools*

13:30 – 14:00 **Rubbiya Ali**, *University of Queensland*  
*Electron tomography: High-throughput cell segmentation*

14:00 – 14:40 **James Bouwer**, *University of Wollongong*  
*Facility design and outlook for the Molecular Horizons and Centre of Molecular and Life Sciences at University of Wollongong*

14:40 – 15:10 **Coffee Break**

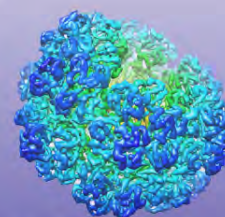
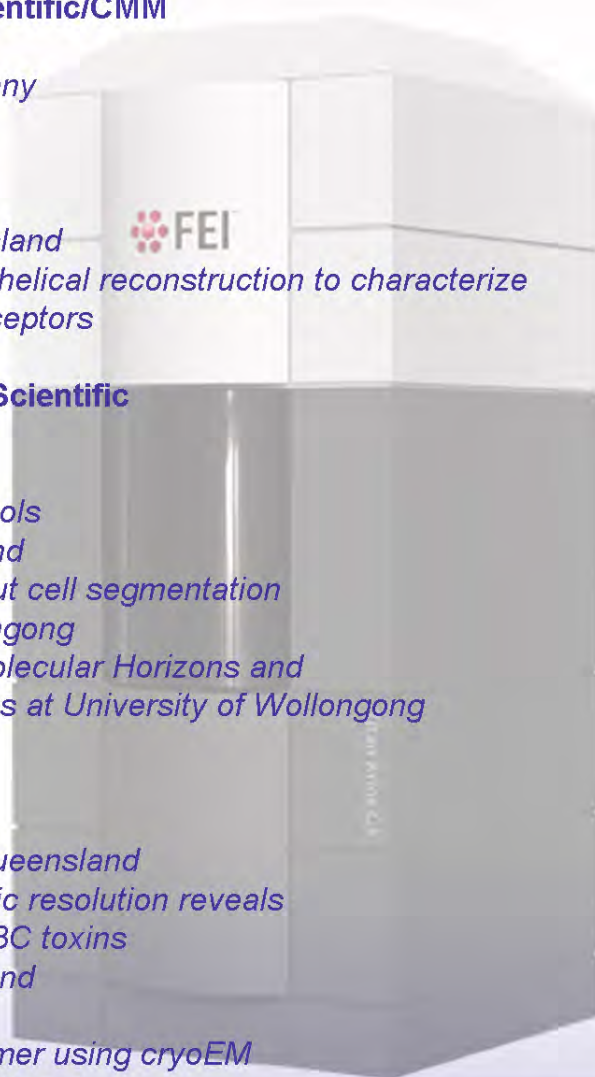
15:10 – 16:00 **Michael Landsberg**, *University of Queensland*  
*Single particle cryo-EM at near atomic resolution reveals the structural diversity of bacterial ABC toxins*

16:00 – 16:30 **Lou Brillault**, *University of Queensland*  
*A nightmare on EM street:  
the complexity of imaging Vps4 oligomer using cryoEM*

16:30 – 17:15 **James Whisstock**, *Monash University*  
*High-resolution cryo-EM structures of pore forming-proteins*

17:15 **Open forum for questions and discussion**

19:00 **Dinner for interested parties**



**Uni. of Queensland; NEW Location!** QBP Auditorium, Bld 80  
*(to access the Auditorium please go up the ramp from Chancellor's Place – there are signs to direct you)*

**28th September 2017 9:00 - 17:30**

**If you haven't registered on the Thermo Fischer page yet  
please register by sending an e-mail to  
Jennifer Brown/CMM - [j.brown12@uq.edu.au](mailto:j.brown12@uq.edu.au)**