

Global BioImaging – Exchange of Experience III
Sydney, Australia
14-15th Sep, 2018

Friday 14th of September

Location: Breakout room 60.03

10:30 – 12:30 Extended Management Board meeting (closed session)

Day 1: Building international linkages for research infrastructure

Location: Seminar room 61.02

12:30 – 13:30 Registration and Coffee / Sandwiches

13:30 – 13:45 Opening and Welcome (*Antje Keppler – Global BioImaging*)

Session chair: Julie Cairney - Microscopy Australia, & John Eriksson – Euro-BioImaging

13:45 – 14:10 Global BioImaging – mission and achievements

Global BioImaging was founded in 2015 as a partnership between bioimaging infrastructures in Europe, Australia, India and Japan. The network has grown to include facilities from 9 countries. The network partners exchange their experiences in operating local, regional, national and continental imaging research infrastructures, and support their staff with dedicated training and staff exchange programs.

Speaker: Antje Keppler – Global BioImaging

14:10 – 14:30 Value of joining GBI - Mexico's perspective as a new partner

Speaker: Christopher Wood – Laboratorio Nacional de Microscopia Avanzada Mexico

14:30 – 14:50 Value of joining GBI - BioImaging North America's perspective

Speaker: Teng Leong Chew – Janelia Research Campus

14:50 – 15:10 Value of joining GBI – Japan's perspective as an established imaging infrastructure

Speaker: Naoto Ueno – ABiS (Advanced Bioimaging Support)

15:10 – 15:40 Coffee Break

15:40 – 16:10 Building a sustainable GBI network

Speaker: Federica Paina – Global BioImaging Manager

16:10 – 17:10 Panel discussion

Development of a framework and activities for ongoing collaboration

Session chair: Ian Smith – Monash University

Panel members: Julie Cairney, Graham Galloway, Jan Ellenberg, Federica Paina, Naoto Ueno, Christopher Wood

- 17:10 – 17:45 **Keynote speech: The value of open access national research infrastructure**
Over the last decade, the Australian Government has spent billions of dollars building and supporting world-class research infrastructure that is openly accessible to researchers inside and outside the host facility. These investments are made through the National Collaborative Research Infrastructure Strategy (NCRIS) within the Federal Department of Education. This Keynote Speech will highlight the drivers behind this model of investment and the value delivered to the Australian economy.
Speaker: The Honorable Minister Craig Laundy MP, Minister for Small and Family Business, the Workplace and Deregulation, Australian Federal Government
- 17:45 – 18:00 **Wrap-up of Day 1: Next steps and future vision of the GBI network**
Speaker: Antje Keppler – Global BioImaging
- 19:00 **Dinner (Sydney harbour cruise)**

Saturday 15th of September

Location: Seminar room 61.02

Day 2:

Session I: Importance of quality management in imaging core facilities

Session chair: *Graham Galloway – National Imaging Facility*

- 09.00 – 09.40 Quality control and quantitative imaging in microscopy cores
Speaker: Claire Brown, Director, Advanced BioImaging Facility (ABIF), McGill University, Canada
- 09.40 – 10.10 Implementing a quality management framework into core facilities: lessons learnt
Speaker: Julie Rothacker, Director of Platform Operations & Strategy at Monash University, Australia
- 10.10 – 10.30 Integrating advanced optical development and biological application at Micron Oxford
Speaker: Lothar Schermelleh, Micron Advanced Bioimaging Unit, University of Oxford, UK
- 10.30 – 10.50 Measuring and maintaining service standards of an imaging core facility, a perspective from Singapore
*Speaker: Graham Wright, Director, A*STAR Microscopy Platform at A*STAR, Singapore*
- 10.50 – 11.00 Close of Session I
- 11.00 – 11:30 Coffee Break

Session II: Towards international recommendation for quality assurance and management in open access imaging infrastructures

Session chair: *John Eriksson – Euro-BioImaging*

- 11.30 - 11.40 Introduction to common recommendation
Speaker: Inga Pukonen – Euro-BioImaging
- 11.40 - 13.15 Open discussion: First steps towards common international recommendation for quality assurance and management in open access imaging infrastructures
- 13.15 - 13.30 Wrap-up of Day 2: Towards international recommendations presented by GBI
(John Eriksson – Euro-BioImaging)
- 13:30 – 13:45 Signature ceremony of Collaboration Agreements
- 13.45 Light Lunch

Satellite meetings

Location: Breakout room 60.03

14.30 – 15.30 Working meeting: Towards International recommendation: training courses for facility staff

15.30 – 16.00 Coffee Break

16.00 – 17.30 Working meeting: international recommendation: image data standards and open access repositories