

Global BioImaging Facility Management course in Singapore

FACILITY MANAGEMENT COURSE
23-25 OCTOBER 2024



Overview: *The Global BioImaging facility management course is jointly organized by Global BioImaging and [SingaScope](#), a Global BioImaging partner organization in Singapore. The course will feature an overarching topic of facility management and operation. Topics covered at the course will include core facility-related aspects to keep in mind when setting up and running an imaging facility, user training, resources for independent learning such as [Microtutor](#)¹ and [Global BioImaging Virtual Training Platform](#)², as well as a discussion of career paths in imaging core facilities. In addition, the course will provide opportunities for the participants and the faculty to network with each other at the course to foster collaborations on an international level.*

When: 23-25 October 2024

Where: Singapore

Venue: [Matrix building, Biopolis](#)

Direction to Matrix Building: open by clicking [here](#)

Course details & travel advice document: open by clicking [here](#)

¹ Microtutor: <https://microtutor.globalbioimaging.org/>

² Virtual Training Platform: <https://globalbioimaging.org/international-training-courses/repository>

Wednesday, 23rd of October

- 8:30 - 9:00** **Registration at Biopolis**
- 9:00 - 9:15** **Welcome by the host & Course overview**
Graham Wright (SingaScope, Singapore) & Gleb Grebnev (Global BioImaging, European Molecular Biology Laboratory)
- 9:15 - 9:30** **Global BioImaging: open, international network of imaging infrastructures and communities**
Gleb Grebnev (Global BioImaging, European Molecular Biology Laboratory)
- 9:30 - 10:30** **Icebreaker: 1 slide per participant**
All participants
- 10:30 - 11:30** **How to set up and run an imaging core facility including cost recovery & budgeting**
Oliver Biehlmaier (Biozentrum University of Basel, Switzerland)
- 11:30 - 12:00** **Designing and moving a microscopy facility**
*Wah Ing Goh (A*STAR Microscopy Platform, Singapore)*
- 12:00 - 13:00** **Networking lunch**
- 13:00 - 13:15** **Tech bite from Leica Microsystems³**
- 13:15 - 15:45** **How to measure an impact of imaging facilities (session 1/2)**
Claire M. Brown (McGill University, Canada) & Laurence Lejeune (Canadian Network Scientific Platforms, Canada)
- 15:45 - 16:15** **Coffee break**
- 16:15 - 17:15** **Overview of imaging core facilities in Australia and South-East Asia**
Paul McMillan (The University of Melbourne, Australia)
- 17:15 - 18:00** **Pushing past the limits of a conventional core facility**
Ellen Quarles (HHMI Janelia Research Campus, USA)
- 18:00 - 18:30** **Independent and guided learning resources in microscopy**
Gleb Grebnev (Global BioImaging, European Molecular Biology Laboratory)
- 19:00** **Networking light dinner at [Bodacious bar & bistro](#) (sponsored)**

³ Leica Microsystems: <https://www.leica-microsystems.com/>

Thursday, 24th of October

- 9:00 - 10:00** **Imaging core facility operations**
Kelly Rogers (Walter and Eliza Hall Institute of Medical Research, Australia)
- 10:00 - 11:00** **Breakout sessions for imaging core facility operation**
All participants
- 11:00 - 12:00** **Data analysis in imaging core facilities**
Cameron Nowell (Monash University, Australia)⁴
- 12:00 - 13:00** **Networking lunch**
- 13:00 - 13:15** **Tech bite from Miltenyi Biotec⁵**
- 13:15 - 15:45** **How to measure an impact of imaging facilities (session 2/2)**
Claire M. Brown (McGill University, Canada) & Laurence Lejeune (Canadian Network Scientific Platforms, Canada)
- 15:45 - 16:15** **Coffee break**
- 16:15 - 17:00** **Career paths available in imaging core facilities**
Kerry Thompson (University of Galway, Ireland)
- 17:00 - 17:45** **Combining and leveraging professional experience and Master's of Business Administration (MBA) training and partnering with industry**
*Graham Wright (A*STAR Microscopy Platform, Singapore)*
- 17:45** **Group photo**
All participants
- 19:00** **Dinner at [Singapore Marriott Tang Plaza Hotel](https://www.marriott.com/hotels-and-resorts/properties/sgmrt-tang-plaza-hotel) (sponsored by Proteintech⁶)**
Everyone is welcome to attend; Shuttle bus will be provided that will take everyone to the dinner; Return by own means

⁴ Remote presentation

⁵ Miltenyi Biotec: <https://www.miltenyibiotec.com/DE-en/>

⁶ Proteintech: <https://www.ptglab.com/>

Friday, 25th of October

9:00 - 9:45 **Enhancing teaching excellence in imaging core facilities: Train-the-trainer format**

Claire Brown (McGill University, Canada)

9:45 - 10:30 **Microscopy education and user training in an imaging facility**

Eleanor Kable (The University of Sydney, Australia)

10:30 - 11:00 **Breakout sessions: microscopy education and user training**

All participants; Divided into 4 groups

11:00 - 11:15 **Coffee break**

11:15 - 11:30 **Tech bite from Evident⁷**

11:30 - 12:30 **Data management open discussion session**

*Panel: Claire M. Brown (McGill University, Canada) and John Lim (A*STAR Microscopy Platform, Singapore)*

12:30 - 13:30 **Networking lunch**

13:30 - 14:15 **Maintenance and quality control in imaging core facilities**

Radek Machan (Nanyang Technological University, Singapore)

14:15 - 14:30 **Coffee break**

14:30 - 16:30 **Tour of A*STAR Microscopy Platform and other imaging core facilities in Biopolis complex**

Optional but suggested for all participants

⁷ Evident: <https://www.evidentscientific.com/en/>