

Cell Imaging

Making a clear picture to study cellular functions and processes

Monday

9:00-12:15 Frédéric Coquelle, CURIE Orsay

- General introduction
- Optical and light microscopy

13:30-16:45 Frédéric Coquelle, CURIE Orsay

- Fluorescence microscope
- Optical sectioning
- Labeling for LM

Tuesday

09:00-10:30 Jean-Marc Verbavatz IJM Paris
Super Resolution microscopy

10:45-12:45 Allon Weiner CIMI Paris
Correlative imaging of *Candida albicans* invasion into cells

14:00-17:00 Jean-Marc Verbavatz IJM Paris
Electron microscopy and cryo EM,

Wednesday

9:00- 10:00 Jean-Marc Verbavatz IJM Paris
3D imaging in EM

10:15-12-15 Jean-Marc Verbavatz IJM Paris
From sample preparation to image processing

13:30-17:30 ImagoSeine Imaging Facility IM Paris
Advanced imaging at ImagoSeine:
Light microscopy, electron microscopy, Image processing

Thursday

9:00-12:00 – 13:30-17:00 F. Coquelles, J.M. Verbavatz
Workshop: Image analysis, using ImageJ/Fiji, Image processing.

Friday

9:30-11:30 Stéphane Rigaud PASTEUR Paris
Quantitative Biological Imaging

11:30-12:30 Final preparation time for the exam

13:30-17:00 Oral Presentations by Students (exam)

Frédéric Coquelle, Univ. Paris-Sud, Curie Institute, Orsay
Stéphane Rigaud, Pasteur Institute, Paris
Allon Weiner, CNRS, CIMI, Sorbonne université, Paris
Jean-Marc Verbavatz, Univ. Paris, IJM

ImagoSeine Imaging Facility, Institut Jacques Monod
Xavier Baudin, ImagoSeine, IJM
Nicolas Moisan, ImagoSeine IJM
Vincent Contremoulins, ImagoSeine, IJM
Paul Lambert, ImagoSeine, IJM
Catherine Durieu, ImagoSeine, IJM
Rémi le Borgne, ImagoSeine, IJM

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