

# Cell Imaging September 12-16 2022

Making a clear picture to study cellular functions and processes

## Monday Sept. 12 Halle aux Farines (HaF) 306B

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 Sept. 13 HaF 306B

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 Sept. 14 HaF 306B / ImagoSeine

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 Sept. 15 HaF 434C / 551C

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

## Friday Sept. 16 Lamarck 204B

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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