

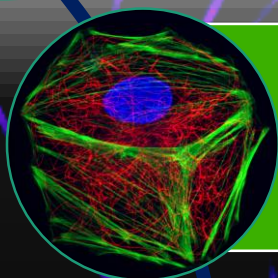
# FluoDay 2017

3<sup>rd</sup> edition hosted by the IBS

**June 20<sup>th</sup> 2017: 8h30 – 17h**

Discover the fluorescence microscopy platforms in Grenoble  
Seminars and round tables for beginners & advanced microscopy users

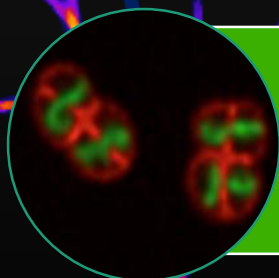
**IBS, EPN campus  
71 avenue des Martyrs**



## WHERE and WHAT

*Where and what types of fluorescence imaging techniques are available in Grenoble?*

Presentation of Grenoble imaging platforms



## APPLICATIONS

*What can fluorescence microscopy bring to your biological projects?*

Short talks by fluorescence microscopy users



## HOW TO PROCEED

*New to the field? Problems to solve? We can help!*

Round tables for beginners and experts !

Hot line!

**Bring your images  
and data !**

Free & mandatory registration by May 20<sup>th</sup> at <http://fluoday2017.strikingly.com/>

# Program

**8:30-9:00** Welcome in IBS hall

**9:00-9:15** Introduction by Karin Pernet-Gallay

**9:20-10:20** *What types of fluorescence imaging techniques are available in Grenoble ?*

- 9:20-9:30 Mylène Pezet (IAB) "Title to be announced"
- 9:30-9:40 Jean-Philippe Kleman (IBS) "M4D: cell imaging platform for cytometry, time-lapse, confocal & super-resolution microscopy"
- 9:40-9:50 Laetitia Kurzawa (BIG) "MuLife imaging facility"
- 9:50-10:00 Emmanuelle Soleihac (BIG) "High Content Screening strategies at the CMBA platform and applications"
- 10:00-10:10 Jacques Brocard (GIN) "Photonic Imaging Center of Grenoble Institut of Neurosciences"
- 10:10-10:20 Irène Wang (LIPhy) "MIBIOP: Microscopy platform for biophysics "
- 10:20-10:30 Cecile Cottet (UGA) "Title to be announced"

**10:30-11:00** Coffee break

**11:00-11:20** Introduction to fluorescence & fluorescent proteins by Virgile Adam

**11:20-12:20** *Round table for beginners*

Advice will be provided on topics brought by participants: choice of fluorescent label, background signal, imaging in plants/bacteria/mammals, coupling photomanipulation, optogenetics & modelling, etc.

**12:20-14:00** Lunch

Platform posters, fluorescence hotline (2 experts will answer specific questions from participants)

**14:00-15:30** *What can fluorescence microscopy bring to your biological projects ?*

- 14:00-14:15 Laure Fourel (IAB)  
"How to investigate the coupling between growth factors and integrins ?"
- 14:15-14:30 Monia Barnat (GIN)  
"High resolution microscopy and three-dimensional reconstruction of neurons: tools to study Huntington's Disease"
- 14:30-14:45 Martial Balland (LIPhy)  
"Force imaging: another way to look at cellular processes"
- 14:45-15:00 Isabelle Tardieux (Jean Roget - IAB)  
"Real-time high speed and quantitative imaging to decipher the invasive strategy of the Human parasite Toxoplasma"
- 15:00-15:15 Joanna Timmins (IBS)  
"DNA repair studies: The added value of fluorescence imaging"
- 15:15-15:30 Pavithra Singaravelu (BIG)  
"Total Internal Reflection Microscopy (TIRF) as a tool to study proteins at the single molecular level *in vitro*"

**15:30-16:00** Coffee break

**16:00-17:00** *Round table for experts*

Animated by Dominique Bourgeois and Olivier Destaing: discussion of the infrastructure for fluorescence microscopy in the Grenoble area.