

Programme Journée SFR Biosciences – 21 septembre 2021  
« Multiscale imaging of life : from single molecule to whole organism »

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- 8h30 Registration open
- 9h00 Welcome adress : Samir MERABET (SFR Biosciences Director)
- 9h10 Core Facilities : Jean-Louis BESSEREAU : *Full spectrum microscopy at LyMIC*
- Jacques BROCARD : *Full spectrum microscopy at PLATIM*
  - Denis RESSNIKOFF : *Full spectrum microscopy at CIQLE*
  - Xavier Jaurand : *Techniques de pointe en microscopie électronique au Centre Technologique des Microstructures : applications à la biologie*
- 10h10 Invited lecture :  
Marcelo Nollmann (CBS, Montpellier) : *Highly multiplexed imaging in fly embryos*
- 10h50 SFR Speakers :  
Adrien Ducret (MMSB) : *A new quantitative method to analyze and classify bacterial cell shapes*
- 11h10 Tea/Coffee break
- 11h30 Invited lecture :  
Jean-claude Platel (INMED, Marseille) : *Neuronal integration in the olfactory bulb*
- 12h10 Flash sponsors :  
*Becton Dickinson, Ozyme, Zeiss, Thermofisher*
- 12h30 Lunch / Discussion / Posters
- 14h00 Invited lecture :  
Patrick BRON (CBS, Montpellier) : *Cryo-electron microscopy, a powerful method to investigate viral cycle from molecular to cellular levels*
- 14h40 SFR Speakers :  
Guillermo Orsi (LBMC) : *A unique mode of higher-order chromatin organization in cricket sperm nuclei*  
Jonathan Enriquez (IGFL) : *Shaping the axon-muscle connectome*  
Pierre-Yves Lozach (IVPC) : *The Rift Valley fever virus non-structural protein NSs : a novel model to study amyloid aggregation?*
- 15h40 Short Break

16h00

SFR Speakers :

Claire Monge (LBTI) : *Targeted delivery of vaccines : passive and active delivery of nanoparticles*

Anuradha Kar (RDP) : *Assessment of deep learning algorithms for 3D instance segmentation of confocal image datasets*

Bertrand Boson (CIRI) : *The hepatitis C virus capsid protein recruits viral genomic RNAs through their interaction with Nup98 in Annulate Lamellae to promote assembly of viral particles*

17h00

Conclusion by Olivier Gandrillon : A quick presentation of the CAN