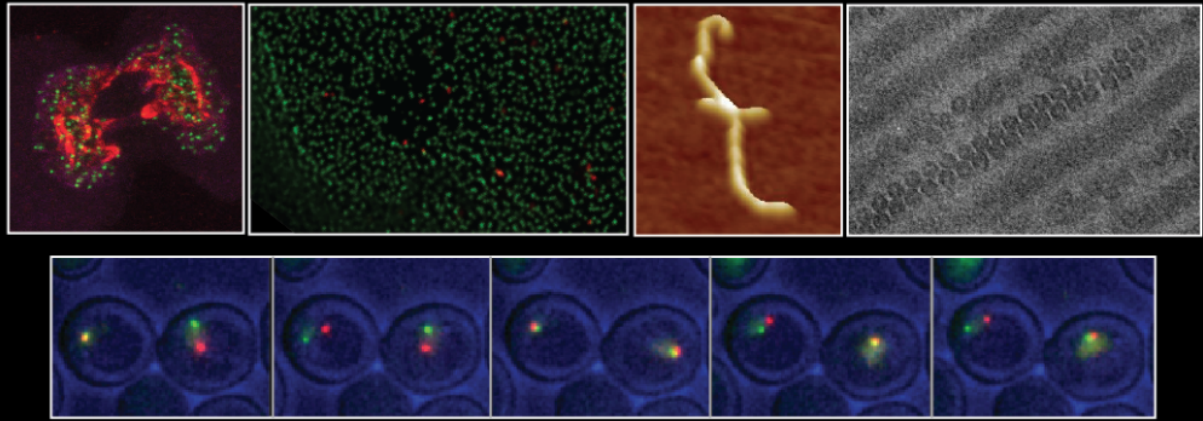


Workshop multi-im2017

Multiscale Imaging of Cells and Molecular Structures



18-19 September 2017

Auditorium IMAGIF

(Building 21, Campus CNRS, Gif-sur-Yvette)

Institute for Integrative Biology of the Cell

IRS 3D_CHROME

Monday, September 18th 2017

Session 1: 9.00 – 10.10 Cell cycle choreography of chromosomes		
9.00 - 9.10		Opening remarks
9.10 - 9.30	Galli Elisa (I2BC)	Characterization of chromosome loci and protein localization dynamics during the bacterial cell cycle
9.30 - 9.50	Leforestier Amélie (LPS Orsay)	Conformation and local order of nucleosomes in interphase nuclei and in solution analyzed by cryo-electron microscopy
9.50 - 10.10	Zickler Denise (I2BC)	Choreography between recombination and synaptonemal-complex proteins during meiosis
Coffee break: 10.10 - 10.30 (Hall Imagif)		
Session 1: 10.30 – 12.00		
10.30 - 10.50	Marcand Stéphane (CEA Fontenay)	Dicentric-Induced Nucleus Pinching at Abscission in Yeast : Live-Imaging vs Transmission Electronic Microscopy
10.50 – 11.10	Verga Daniela (Curie Orsay)	Localizing DNA interacting drugs at chromosome level by NanoSIMS: a case of a quadruplex ligand
11.10 - 12.00	Marcelo Nollmann CBS, Montpellier	Key note lecture 1 Imaging nuclear organization at the nanoscale
Lunch buffet: 12.00 – 13.30 (Salle "Automne", Restaurant CNRS, building 20)		
Roundtable 1: 13.30 – 15.00 Live cell Imaging		
Animation: Romain Le Bars		
Poster session: 15.00 – 16.30 (Hall Imagif)		
Roundtable 2: 16.30 – 18.00 AFM, EM, cryoEM		
Animation: Petya Krasteva		

Tuesday, September 19th 2017

Session 2: 9.00 – 10.00 Replication, Recombination and Repair		
9.00 - 9.20	Yann Benureau (IGR)	Repriming and homologous recombination assist TLS at the replication forks to tolerate ultraviolet-induced DNA damages in human cells
9.20 - 9.40	Campalans Anne (CEA Fontenay)	Nuclear dynamics of DNA repair machineries in Human cells
9.40 - 10.00	Crabbe Laure (I2BC)	Telomeres interaction to the nuclear envelope in human cells: live cell imaging and super-resolution microscopy
Coffee break: 10.00 - 10.20 (Hall IMAGIF)		
Session 2: 10.20 – 12.00		
10.20 - 10.40	Dubrana Karine (CEA Fontenay)	Behaviour of yeast chromosome extremities: from telomeres to DSBs
10.40 – 11.00	Arach Goldar (CEA)	How chromatin dynamics relates to DNA replication
11.00 – 11.50	Soutoglou Evi IGBMC, Strasbourg	Key note Lecture 2
Roundtable 3: 11.50 – 13.20 Super resolution microscopy		
Animation: Romain Le Bars		
Lunch buffet: 13.20 – 14.30 (Hall Imagif)		