

Advanced Course in Cellular Dynamics

October 5th 2020- October 9th 2020

Organizers : G. Boncompain (IC), J. Dumont (I.J.M.), S. Miserey-Lenkei (I.C.), F. Perez (I.C.)

| Date and time | Speakers | Title |
|---------------------------|-------------------|---|
| Monday 05/10/20 | | |
| 9h00-9h15 | Organizers | Introduction |
| 9h15-10h15 | Y. Bellaïche | Tissue Morphogenesis |
| 10h30-11h30 | TBD | TBD |
| 13h30-14h30 | G. Montagnac | Clathrin Coated pits, migration and mechanotransduction |
| 14h45-15h45 | D. Vignjevic | Actin dynamics in cell migration and invasion |
| 16h-17h | S. Miserey-Lenkei | Golgi Trafficking and RAB GTPases |
| Tuesday 06/10/20 | | |
| 9h00-10h00 | G. Romet Lemonne | Actin dynamics |
| 10h15-11h15 | J Dumont | Mechanisms of chromosome segregation |
| 11h30-12h30 | N. Minc | Predicting division plane positioning |
| 14h-15h | C. Blouin | Plasma membrane dynamics & mechanics |
| 15h15-16h15 | C. Jackson | Lipid dynamics |
| 16h30-17h30 | L. Pintard | Regulation of mitotic entry in time and space |
| Wednesday 07/10/20 | | |
| 9h00-10h00 | C. Delevoeye | Lysosome-related organelles |
| 10h15-11h15 | G. Van Niel | Exosomes |
| 11h15-12h15 | M. Piel | Micro tools for cell biology |
| 14h-18h00 | Organizers | Presentation by Students, Amphi Curie, Institut Curie |
| Thursday 08/10/20 | | |
| 9h00-10h00 | P. Bassereau | Physics of Membrane Dynamics |
| 10h15-11h15 | M. Coppey | Optogenetic tools |
| 11h15-12h15 | G. D'Angelo | Extracellular vesicles in developmental signaling |
| 14h-18h00 | Organizers | Presentation by Students, Amphi Curie, Institut Curie |
| Friday 09/10/20 | | |
| 9h00-10h00 | R. Basto | Cilia and Centrosomes |
| 10h15-11h15 | D. Fachinetti | Kinetochores dynamics |
| 11h30-12h30 | A Baffet | Neuronal Development |
| 14h30-15h30 | F. Niedergang | Phagocytosis |
| 15h45-16h45 | F. Perez | Golgi Dynamics |