VerMidi XVIII Program

09:30 - 10:00 **WELCOME BREAKFAST**

10:00 - 10:40 **Keynote Lecture: Pierre GÖNCZY** (EPFL, Lausanne, Switzerland)
Tales of centrioles and centrosomes in *C. elegans*

10:40 - 12:00 **SESSION 1 -** Chair: **Nicolas TAVERNIER**

10:40 - 11:00 Emanuel Culetto (I2BC, Gif-sur-Yvette , France)
The ESCRT II proteins are required for normal muscle function

11-00 - 11:20 Thanh VUONG (IGBMC, Strasbourg, France)
Nano-ablation studies reveal different regulation of mechanical stress anisotropy in the head and in the body during *C. elegans* embryo elongation

11:20 - 11:40 José-Edouardo Gomes (IBGC, Bordeaux, France)
C. elegans as model organism to study purine metabolism disorders

11:40 - 12:00 Marie PIERRON (CGphiMC, Lyon, France)
A novel effector of integrin adhesion complexes is involved in cholinergic synaptogenesis in *Caenorhabditis elegans*

12:00 - 15:00 **LUNCH / POSTER SESSION**

15:00 - 16:20 **SESSION 2 -** Chair: **Gilliane MATON**

15:00 - 15:20 Abderazak DJEDDI (UPMC, Paris, France)
Efficient sperm-inherited organelle clearance relies on LC3-dependent targeting of the autophagosomes to the peri-centrosomal area for their acidification and dispersion among *C. elegans* blastomeres

15:20 - 15:40 Ruddi RODRIGUEZ-GARCIA (IGDR, Rennes, France)
Dynein intermediate light chain tracks microtubule plus end in an EBP-2 dependent manner in *C. elegans* one cell embryo

15:40 - 16:00 François ROBIN (University of Chicago, USA)
Dynamic coupling of actin assembly and Rho activation underlies pulsed contractions in *C. elegans*

16:00 - 16:20 Anne Pacquelet (IGDR, Rennes, France)
PAR-4/LKB1 and anillin prevent myosin from uncoupling mitotic spindle and cytokinetic furrow positions during cell division

16:20 - 16:40 **COFFEE BREAK**

16:40 - 17:40 **SESSION 3 -** Chair: **Benjamin LACROIX**

16:40 - 17:00 Aymeric BAILLY (CRBM, Montpellier, France)
A conserved role for deNEDDylating enzyme NEDP1 in apoptosome oligomerisation through NEDD8 chains restriction in response to DNA damage

17:00- 17:20 Arnaud Hubstenberger (UPMC, Paris, France)
Ribonucleoprotein transitions between soluble, liquid and solid phases during early development

17:20 - 17:40 Patrick PHILLIPS (University of Oregon, Eugene, USA)
Transgenerational hormesis: testing the adaptive plasticity hypothesis using experimental evolution to heat stress in *C. remanei*

HAPPY HOUR

IJM - CNRS UMR7592
15 rue Hélène Brion
Bâtiment Buffon
75205 Paris Cedex 13, France
www.ijm.fr