

# Cell Biology of Neurons & Beyond

Friday, January 27, 2023



Institut Curie, BDD building  
11-13 rue Pierre et Marie Curie, 75005 Paris

## Scientific program

Time CET	Event
8:30 - 9:00	Registration and coffee
09:00 - 09:15	Welcome and Introduction: Florence Niedergang - Président of SBCF with organizers: Guillaume van Niel, Carsten Janke & Pascale Bomont
<b>9:15 - 10:45</b>	<b>Cytoskeleton</b> (Chaired by Carsten Janke & Nathalie Sauvionnet)  <b>Filippo Del Bene</b> , Institut de la Vision, Paris, France "Evolution of neural systems in related fish species: from zebrafish to Danionella"  Selected short talk : <b>Andrew Tosolini</b> , UCL Queen Square Institute of Neurology, London, UK "In vivo axonal transport of diverse organelles in ALS"
10:00 – 10:30	<b>Zdenek Lansky</b> , Czech Academy of Sciences, Prague, Czech Republic "In vitro reconstitution of microtubule-based transport"
10:30 – 10:45	Selected short talk : <b>Remi Carpentier</b> , Institut de la vision, Paris, France "Huntingtin bundles and changes the local proteome of actin filaments in neurons"
10:45 – 11:15	Break / posters
<b>11:15 - 12:45</b>	<b>Translation</b> (Chaired by Guillaume van Niel & Raphael Gaudin)  <b>Erin Schuman</b> , Max Planck Institute for Brain Research, Frankfurt am Main, Germany "Protein synthesis at neuronal synapses"  Selected short talk : <b>Stephane Belin</b> , GIN, Grenoble, France "Customization of translational complex regulates mRNA-specific translation to control CNS regeneration"
12:00 – 12:30	<b>Travis Thomson</b> , Neurobiology at University of Massachusetts Medical School Worcester, Massachusetts, USA "Gems in the junkyard: transposonic sequences that regulate synaptic plasticity"
12:30 – 12:45	Selected short talk : <b>Cyril Hanus</b> , IPNP, Paris, France "Atypical glycosylation of the neuronal surface and impact on excitatory synaptic receptor trafficking and function"
12:45 - 14:30	Lunch Break /posters

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14:30 - 16:00	<b>Autophagy</b> (Chaired by Pascale Bomont & Florence Niedergang)
14:30 - 15:00	<b>Sandra Maday</b> , Perelman School of Medicine at the University of Pennsylvania, Philadelphia, USA “Defining pathways for autophagy in neurons and astrocytes”
15:00 - 15:15	Selected short talk : <b>Caroline Lienard</b> , PGNM, Lyon, France “Spatial regulation of neuronal autophagy”
15:15 - 15h45	<b>Etienne Morel</b> , Institut Necker Enfants Malades, Paris, France “Non-canonical function of autophagic machinery during ciliogenesis”
15:45 – 16:00	Selected short talk : <b>Nazmiye Özkan</b> , Faculty of Science, Utrecht, The Netherlands “ER-lysosome contacts at a pre-axonal region regulate axonal lysosome availability”
16:00 - 16h30	Break / posters
16:30 - 18:00	<b>Membrane dynamics</b> (Chaired by Guillaume van Niel & Florence Niedergang)
16:30 - 17:00	<b>David Perrais</b> , IINS Bordeaux, France “Localization and function of endocytic zones in neuronal dendrites: relevance for synaptic plasticity”
17:00 - 17:15	Selected short talk : <b>Sravanthi S P Nadiminti</b> , TIFR, Mumbai, India “Liprin- $\alpha$ /SYD-2 acts with two different adaptor protein complexes to regulate early trafficking events in synaptic vesicle biogenesis”
17:15 – 17:45	<b>Volker Haucke</b> , FMP, Berlin, Germany “How the presynapse is formed?”
17:45 - 18:00	Selected short talk : <b>Anais Becot</b> , IPNP, Paris, France “PIKFYVE complex and Pi(3,5)P <sub>2</sub> regulate the intracellular lysosomal network required for APP homeostasis in neurons”
18:00-18:15	Conclusion

Organizers :

Pascale Bomont (PGNM, Lyon)  
Carsten Janke (Institut Curie, Orsay)  
Guillaume Van Niel (IPNP, Paris)

Graphical creation :

Guillaume Monnain  
@AKENIUM

Support :



Sponsors :

