

## 23<sup>rd</sup> Annual Meeting of the LARC-Neuroscience Network (Nantes)

**TUESDAY, October 17th 2019** (Ecole Centrale de Nantes)

**18.00 - 19:00 : Pre-opening lecture**

**Maria Miteva** (Paris, France) Harnessing structural bioinformatics for drug-metabolizing enzyme interactions

**FRIDAY, October 18th 2019** (Chambre de Commerce et de l'Industrie de Nantes)

**9:00 : Registration/ Welcome** by Karelle Smaja and Katy Fontaine (UMR1235 TENS, Nantes)

**9:25-9:30 : Opening remarks** David Vaudry/ Patricia Parnet

**9:30-10:10 : Session I**

Chair: Laureline Berthelot (Nantes, France), Yossan-Var Tan (Rouen, France)

**Opening lecture: Michel Neunlist** (UMR1235, Nantes, France) The microbiota-gut-brain axis in developmental and neurodegenerative diseases.

**10:10-10:55 : Oral communications (session I) Neurology/Neuroinflammation/Neuroimmunology**

**Dujarrier C** (UMR 1237, Caen, France) Neurotransmission selective impairment associated with chronic functional deficits in a mouse model of transient ischemic attack.

**Pedard M** (Université de Rouen, France) The urotensin II relays key neurological mechanisms in subarachnoid hemorrhage: Efficacy of pathway-targeted drugs on early meningeal damage and long-term brain deficits.

**Gonzales J** (UMR1235, Nantes, France) Effects of fecal supernatants from Autism Spectrum Disorder patients on intestinal epithelial barrier permeability and enteric nervous system phenotype.

**10:55-11:30 : Coffee break and Poster session**

**11:35-12:15 : Plenary lecture 1** Chair: Philippe Naveilhan (Nantes, France), Nicolas Guerout (Rouen, France)

**Stella Elkabes** (Rutgers University, USA) Role of Toll-like receptor 9 in spinal cord injury

**12:15-14:00 : Lunch and Poster session**

**14:00-15:40 : Session II** Chair: Oana Chever (Rouen, France), Arnaud Nicot (Nantes, France)

**14:00-15:40 : Plenary lecture 2**

**Julie Gavard** (UMR1232, Nantes) Endothelial Cells and Cancer Stem-like Cells in Brain Tumors

**14:40-15:40 Oral communications (Session II) Neurodevelopment/Oncology/Neuroendocrinology**

**Shili I** (LR18ES03 Tunis, Tunisia ; U1239, Rouen, France) Prenatal exposure to neuropeptide PACAP prevents brain oxidative damages and apoptosis in fetal alcohol syndrome (FAS) mouse model.

**Moullé VS** (INRA UMR 1280, Nantes, France) Impact of omega 3 consumption increase during gestation and lactation on offspring in maternal protein restriction model.

**Pietra C** (EA2465, Lens, France) Ketone bodies and Alzheimer Disease: an original approach at the blood brain barrier level.

**Paradis J** (INRA UMR 1280, Nantes, France) Balanced food intake after weaning reverses the inappropriate food preference in offspring of low-protein diet fed dams correlated with reward pathway modifications.

**15:40-16:15 : Break and Poster session**

**16:15-16:30 Prizes for best communications**

With the support of the Société de Neuroendocrinologie française (SNE)