



FOOD4BRAINHEALTH SCIENTIFIC DAY

25TH OF SEPTEMBER 2026, 9AM-6PM

BBS AMPHITHEATER, UNIVERSITÉ DE BORDEAUX

ORGANIZERS : SOPHIE LAYÉ (NUTRINEURO), FRÉDÉRIC CALON (INAF, QUÉBEC), XAVIER FIORAMONTI (NUTRINEURO)

9h00-9h45: Welcome coffee

9h45-10h00 : Welcome words (*Jean-René Cazalet, VP recherche UBordeaux, Jérôme Beaufreton, Directeur Bordeaux Neurocampus, Renée Michaud, Directrice générale INAF, ULaval, Sophie Layé, co-directrice RRIF4BH, INRAE, UBordeaux, Frédéric Calon, co-directeur RRIF4BH, ULaval*)

10h00-11h35: Nutrition and mental health

10h00-10h25: **Enrica Montalban**, *Astrocyte Interactions with Dopamine Signaling and Spiny Projection Neurons in Striatal Circuits: Implications for Reward and Peripheral Metabolism*, NutriNeuro, Bordeaux

10h25-10h40: **Eva Ducourneau** (Postdoctoral fellow), *Role of insular cortex projections to ventral striatum in obesogenic diet-induced anxiety like behaviours*, NutriNeuro, Bordeaux

10h40-10h50: **Marie Voos** (PhD student), *Gut microbiota and Autism: fecal transplantation of ASD and neurotypical twins' feces in mice*, Université Laval, Québec

10h50-11h00: **Marina Velotto** (PhD student), *Microbiota derivatives and mental health, role of HCAR2*, NutriNeuro, Bordeaux

11h00-11h10: **Toshiko Sekijima** (PhD student), *From Gut to Brain: Exploring the Role of Microbial Metabolites in Neuroinflammation and Mental Health*, NutriNeuro, Bordeaux

11h10-11h35: **Frédéric Raymond**, *What influences the production of potentially neuroactive metabolites by the gut microbiota?* Université Laval, Québec

11h35-11h45: Short break

11h45-12h30: Nutrition and Brain Function: From Molecules to Behavior (Part I)

11h45-12h10: **Véronique Douard**, *Short-term adaptation of the intestinal microbiota to dietary nutrients and feeding behavior*, Institut Micalis, Jouy-en-Josas

12h10-12h20: **Clément Laffon** (PhD student), *Sexual dimorphism in endocannabinoid-dependent circuits mediating memory impairments induced by obesogenic diet consumption*, NutriNeuro, Bordeaux

12h20-12h30: **Yaeun Shim** (PhD student), *Effects natural or artificial sweeteners consumption on metabolic and brain health*, NutriNeuro, Bordeaux

12h30-14h00: BUFFET (for RRI members)

14h00-15h25: Lipids and brain: from biomarkers to function

14h00-14h25: **Marie-Agnès Bringer**, *The Nutritional Gut–Retina Axis: A New Avenue for Retinopathy Prevention*, CSGA, Dijon

14h25-14h40: **Kyndall Nicholas** (Postdoctoral fellow), *Fish oil and krill oil do not increase the omega-3 index equally*, Université Sherbrooke, Sherbrooke

14h40-14h50: **Sarah Kharbouche** (PhD student), *Role of n-3 PUFA in emotional behaviors triggered by alcohol use disorders and withdrawal*, NutriNeuro, Bordeaux

14h50-15h00: **Rosalie Cottez** (PhD student), *The role of omega-3 fatty acids in the biological trajectories of Alzheimer's disease: interactions with plasma biomarkers*, Université Laval, Québec

15h00-15h25: **Thierry Alquier**, *Neuronal lipid droplets play a conserved and sex-biased role in maintaining whole-body energy homeostasis*, Université de Montréal, Montréal

15h25-16h00: Coffee break

16h00-16h45: Nutrition and Brain Function: From Molecules to Behavior (Part II)

16h00-16h25: **Aurélié De Rus Jacquet**, *Vascularization of brain organoids: setting up new study models for neurovascular health*, Université Laval, Québec

16h25-16h35: **Emma Glajeau** (PhD student), *Evaluation of the bioactivity and bioavailability of mycosporin-like amino acids (MAAs) from red algae extracts*, ULaval, Québec

16h35-16h45: **Emie Debenay** (PhD student), *Effects of a green algae extract on cognitive impairment associated with sports overtraining*, NutriNeuro, Bordeaux

16h45-18h00: Preventive nutrition, microbiota and aging

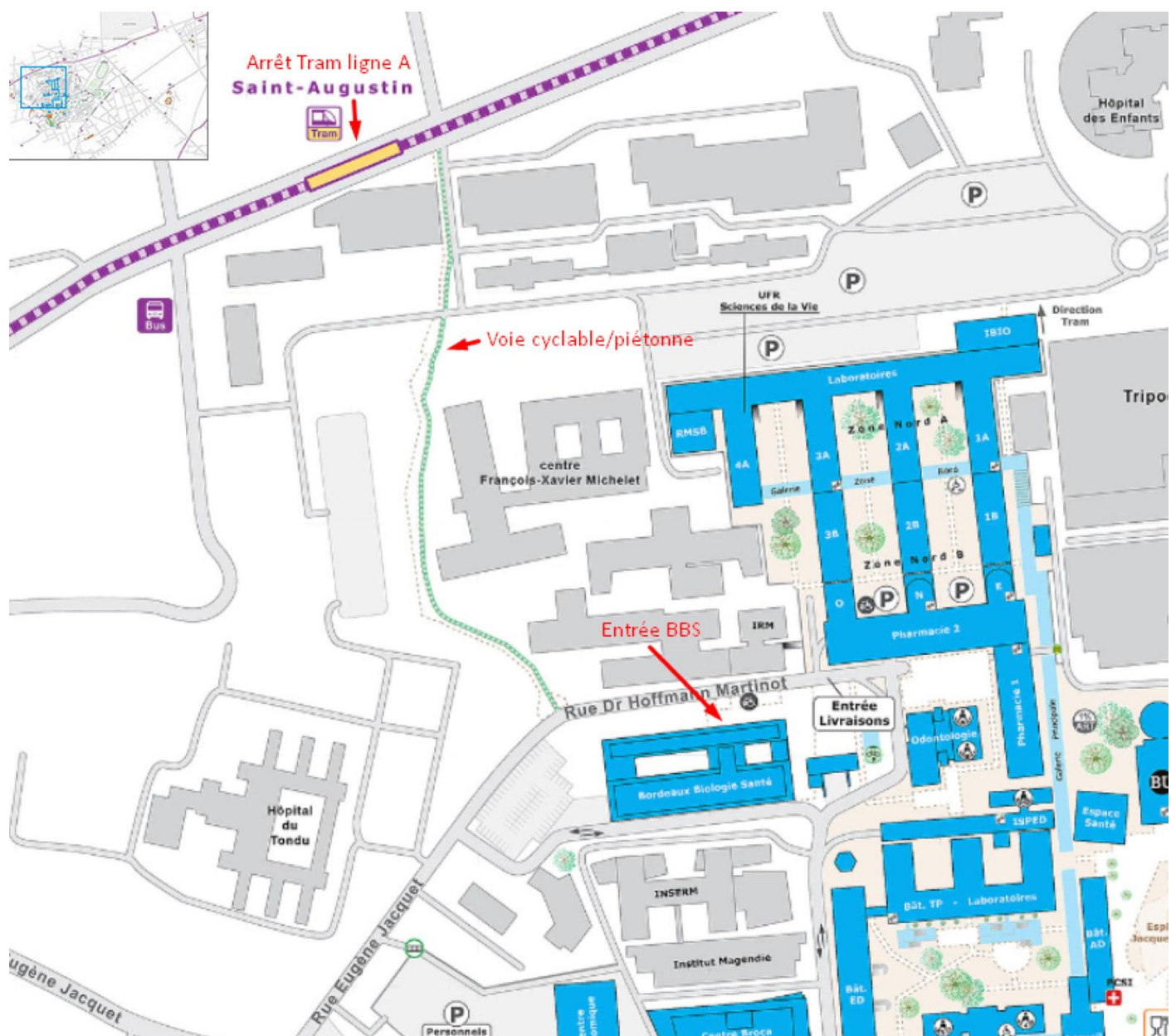
16h45-17h10: **Naguib Mechawar**, *Age-related changes in the molecular composition of cerebral white matter in humans*, Institut Douglas, Université McGill, Montréal

17h10-17h35: **Elsa Rousseau**, *Explainable machine learning on microbiota data for Alzheimer's risk stratification*, Université Laval, Québec

17h35-18h00: **André Marette**, *Healthy Aging: Microbial Biomarkers and Mediators*, Université Laval, Québec

18h00-18h10: Conclusion (Sophie Layé, INRAE, UBordeaux, Frédéric Calon, ULaval)

Venue RRI – September 25th 2026



Address :

**Université de Bordeaux – site Carrère
Batiment BBS
Rue Hoffmann Martinot
Bordeaux**

Public transportation :

Tram Ligne A – arrêt Saint-Augustin

