



..... SCIENTIFIC PROGRAM

9h20 WELCOMING OF PARTICIPANTS

9h30-11h40 Session 1. Mood disorders and executive functions (Chair: Adeline, Sofia, Mathieu, Anaïs, Hugo, Anna)

- . **Sofia Cusotto** : Relationship between diet and depression: a role for inflammation?
- . **Mathieu Di Miceli**: Dietary balance between n-6 and n-3 polyunsaturated fatty acids influence endocannabinoid- mediated plasticity in the nucleus accumbens.
- . **Adeline Coursan**: Moody Fructose: Effect of fructose consumption on mood disorders

(10' Break)

- . **Anaïs Marie**: Vitamine A: a key micronutrient for Parkinson's disease ?
- . **Anna Petitbon**: Implication of prefrontal cortex and nucleus accumbens dopaminergic and glutamatergic receptor heteromers in goal-directed behavior.
- . **Hugo Martin**: Impact of central serotonergic insulin resistance on mood disorders associated to type2 diabetes.

11h40 – 13h00 LUNCH BREAK

13h00-14h30 Virtual social event- Escape Game (organized by students and post-docs)

14h30-17h00 Session 2. Cognition (Chair: Eva, Moïra, Maud, Ioannis, Mateo, Alice, Fanny)

- . **Eva Ducourneau**: Hippocampal CB1 receptors control obesogenic diet-induced memory deficits.
- . **Moïra Rossitto**: Essential omega-3 acids tune microglial phagocytosis of synaptic elements in the mouse developing brain.
- . **Maud Martinat**: Role of perinatal dietary n-3 polyunsaturated fatty acid in memory and hippocampal synaptic plasticity in male and female mice.
- . **Ioannis Bakoyiannis**: Deciphering the role of hippocampal and amygdala efferent pathways in memory changes induced by obesogenic diet intake throughout adolescence.

(10' Break)

- . **Mateo N'diaye**: Role of the endocannabinoid system in the effects of obesogenic diet on memory: is there any gender differences ?
- . **Alice Fermigier**: Hippocampal role in obesogenic diet-induced deficits in social odor preference
- . **Fanny Decoeur**: Role of PUFAs in microglia-oligodendrocyte interactions during brain development.

17h00-17h15 Concluding remarks

Virtual Event Zoom link

<https://u-bordeaux-fr.zoom.us/j/84461324608?pwd=RjB4SDB6bGtZcjhJSG84RkNjNVmxUT09>

Virtual Event Slido link (for questions)

<https://app.sli.do/event/zx9ehs2e>

