

WEDNESDAY, January 22nd

9H00 - 9H15 *Welcome - **Vincent Prévot.***

Session 1 - Chair: Vanessa Neve

9H15 – 10H ***Sreekala Nampoothiri.** Sexually dimorphic immunocompetence of tanycytes*

10H – 10H30 ***Helge Müller-Fielitz.** Thyrotropin-releasing hormone neurons of different hypothalamic nuclei regulate energy homeostasis*

10H30 -11H00 *COFFEE BREAK*

Session 2 - Chair: Alicia Sicardi

11H00 - 11H30 ***Mathilde Roux.** The Hippo pathway: a new regulator of tanycyte proliferation and energy homeostasis*

11H30 - 12H00 ***Manon Rivagorda.** The role of tanycilia in hypothalamic functions*

12H00 - 12H30 ***Sara Martínez.** mTOR signaling in tanycytes*

12H30 - 14H00 *LUNCH BREAK*

Session 3 - Chair: Sara Martinez

14H00 - 14H30 ***Rachel Spenlé.** Unveiling the metabolic role of GLIS3 in tanycytes*

14H30 - 15H00 ***Alicia Sicardi.** MRI: a tool to study the hypothalamus*

15H00 - 15H30 ***Akila Chandrasekar.** Role of tanycytic THR/TSHR in modulating gene expression and metabolism*

15H30 - 16H00 ***Claire Jasinski.** Tanycytic Control of Axonal Wiring in the Mediobasal Hypothalamus*

16H00 - 16H15 ***Emilie Caron.** Technical presentation: The minispec: a tool to quantify hepatic steatosis in mice?*

19:30 *DINER*

THURSDAY, January 23rd

Session 4 - Chair: Mathilde Roux

9H00 - 9H30 **Marialetizia Rastelli**. *Interaction between the gut microbiota and the blood-CSF barrier of the median eminence*

9H30 - 10H00 **Sixtine Karmann**. *Arcuate perineuronal nets, What's Next?*

10H00 - 10H30 **Eva Novoa**. *Resmetirom ameliorates fibrogenesis in hepatic stellate cells via thyroid hormone receptor alpha*

10H30 - 11H00 **COFFEE BREAK**

Session 5 - Chair: Manon Rivagorda

11H00 - 11H30 **Tamara Parracho**. *Understanding the metabolic regulation of hepatic stellate cells: role of ACC2*

11H30 - 12H00 **Vanessa Neve**. *Characterisation of synaptoids in tanycytes*

12H00 - 12H30 **Daniela Fernandois**. *Estrogen receptor- α signaling in tanycytes lies at the crossroads of fertility and metabolism*

12H30- 14H00 **LUNCH BREAK**

Session 6 - Chair: Rachel Spenlé

14H00 - 14H30 **Nina Feller**. *Abeta transport by tanycytes*

14H30 - 15H00 **Ricardo Martinez**. *Explore the role of the suprachiasmatic nucleus in the transport of CSF-borne Tau by tanycytes into the circulation: putative implications for Alzheimer's disease pathology*

15H00 - 15H30 **Eleonora Deligia**. *Metformin requires tanycytic leptin transport to mediate its anti-obesity and anti-diabetic effect*

15H30 **Closing remarks**