



European Research Council  
Established by the European Commission

## December 18<sup>th</sup> - 19<sup>th</sup> 2023 Santiago de Compostela (Spain)



CIMUS

Avenida Barcelona s/n, 15782 Santiago de Compostela (Spain)

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## Monday, December 18<sup>th</sup>, 2023

09.00 - 09:15 Welcome

Chair: TBD

09.15 - 09.45 Invited speaker 1 Sebastian Bouret (Lille, France)

*How can tanycytes help shaping hypothalamic feeding circuits*

09.45 - 10.15 Alicia Mayeuf (Lille, France)

*Glycogen metabolism in brown adipose tissue development and adulthood*

10.15- 10.45 Invited Speaker 2 Miguel Lopez (Santiago de Compostela, Spain)

*AMPK Wars: The Stroke Menace*

10.45 - 11.15 Coffee break

11.15 - 11.45 Invited speaker 3 Marc Claret (Barcelona, Spain)

*New adventures into tanycyte biology: mitochondrial dynamics and glycogen metabolism*

11.45 - 12.05 Sara Martinez (Santiago de Compostela, Spain)

*mTOR in tanycytes and energy balance*

12.15 - 13.45 ERC Officer talk CIMUS (general public)

12.15 - 14.00 Lunch

Chair: TBD

14.00- 14.30 Invited speaker 4 Ismael Gonzalez (Santiago de Compostela, Spain)

*Modulation of energy balance by estradiol: New neuronal and glial mechanisms*

14.30 - 15.00 Vanessa Neve (Lubeck, Germany)

*The Diversity of Tanycytes: Brain-Wide Connectivity Analysis between Neurons and Tanycytes*

15.00 - 15.30 Virginie Mattot (Lille, France)

*The hitherto unsuspected roles of proteoglycans in the central control of food intake*

## Monday, December 18<sup>th</sup>, 2023

15.30 - 16.00 Coffee break

16.00 - 16.30 Invited speaker 5 Cintia Folgueira (Madrid, Spain)

*Exploring New Metabolic Pathways in Tanycytes: TFAM and JNK1 as Key Players*

16.30 - 17.00 Alba Lopez-Cabaleiro (Santiago de Compostela, Spain)

Role of GIP-R and GLP-1R in tanycytes

17.00 - 17.30 Invited speaker 6 Olga Barca (Santiago de Compostela, Spain)

*Metabolic tempo: deciphering astrocyte clock entrainment via Insulin and AMPK signaling pathways*

17.30 - 18.00 Helge Müller-Fielitz (Lubeck, Germany)

Hormones of the thyroid axis - hypothalamic effects

20.00 Dinner

## Tuesday, December 19<sup>th</sup>, 2023

Chair: TBD

09.00 - 09.15 **Claire JASINSKI (Lille, France)**

*Role of Slit2 in the Tanycytes of the Hypothalamus*

09.15 - 09.30 **Mathilde Roux (Lille, France)**

*Hyperactivation of YAP in tanycytes stimulates cell neogenesis and alters energy homeostasis*

09.30 - 10.00 **Manon Rivagorda (Lubeck, Germany)**

*The role of tanycilia in hypothalamic functions*

10.00 - 10.30 **Laila Illan Rubio**

*Tips for ERC submissions*

10.45 - 11.15 Coffee Break

11.15 - 11.45 **Julica Inderhees (Lubeck, Germany)**

*Altered hepatic metabolism in a mouse model of ischemic stroke*

11.45 - 12.15 **Tamara Parracho (Santiago de Compostela, Spain)**

*Role of PCK1 in hepatic stellate cells*

12.15 - 12.30 **Natalia Lima (Santiago de Compostela, Spain)**

*Are incretins-based drugs playing a direct role in hepatic cells?*

12.30 - 13.00 **Florent Sauve (Lille, France)**

*Role of tanycytes in Tau clearance and their relevance in Alzheimer's Disease*

13.00 - 14.30 Lunch

Chair: TBD

14.30 - 15.00 **Nina Feller (Lubeck, Germany)**

*Abeta transport by tanycytes*

15.00 - 15.30 **Alicia Sicardi (Lille, France)**

*GnRH, a fertile new pathway for the regulation of food intake*

15.30 - 15.45 **Sreekala NAMPOOTHIRI (Lille, France)**

*Dynamic Glial Cell States in the Periventricular Region of the Hypothalamus*

15.45 - 16.15 **Adriana Arrulo (Lubeck, Germany)**

## **Tuesday, December 19<sup>th</sup>, 2023**

*Investigating tanycytes function in thyroid hormone transport to the CNS*

**16.15 - 16.45 Coffee break**

**16:45 - 17.15 Fatima Timzoura (Lille, France)**

*LRP2 function in the control of leptin transport by hypothalamic tanycytes*

**17.15 - 17:45 Uxia Fernandez (Santiago de Compostela, Spain)**

*Effects of tanycytic LRP2 in glucose metabolism*

**17.45 - 18:00 Concluding remarks**

## Travel information

**Hotel Accommodation: Eurostars Gran Hotel Santiago**

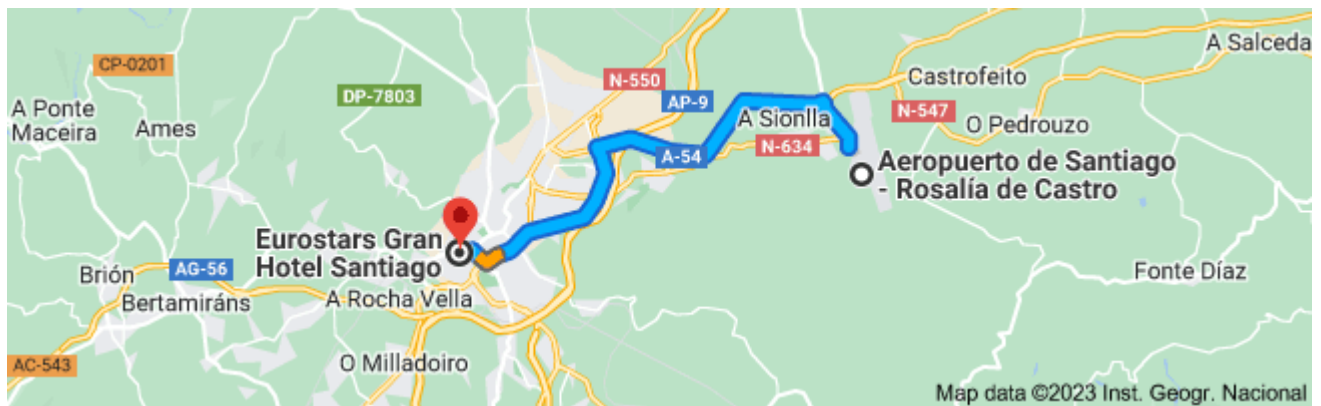
Avenida do Mestre Mateo, 27, 15706 Santiago de Compostela,

[Reserve Hotel Eurostars Gran Hotel Santiago in Santiago de Compostela \(eurostarshotels.co.uk\)](https://eurostarshotels.co.uk)

### ***From the airport to the hotel:***

Taxi: 23€

Bus: 3€. To get to the stop, follow the signs for "Bus Santiago" at the airport. It will take you to the city center (10 min walking distance to the hotel).



### **From the hotel to the meeting place:**

The hotel is just 500 meters to CIMUS. At the main gate of hotel, turn left and walk until you see the institute.



## Travel information

