



European Research Council
Established by the European Commission

20th -21st January 2026
Lübeck



Venue: University of Lübeck, CBBM – building 66, room Levi-Montalcini
Ratzeburger Allee 160, 23552 Lübeck

Tuesday, Jan 20th, 2026

09.00 – 09:15 Welcome

Session 1 - Chair: Alicia Sicardi

09.15 – 9.45 **Monica Imbernon, London**

What have we WATCHed about tanycytes and metabolic syndrome?

9.45 – 10.15 **Julica Inderhees, Lübeck**

The liver-brain axis in ischemic stroke

10.15 - 10.45 **Cristina Iglesias García, Santiago de Compostela**

Tanycytes and aging: study of possible genes involved

10.45 – 11.15 Coffee break

Session 2 - Chair: José Iglesias Moure

11.15 – 11.45 **Vanessa Neve, Lübeck**

The role of tanycytic synaptoids in the hypothalamic-pituitary-gonadal axis

11.45 – 12.15 **Daniela Fernandois, Lille**

Tanycytes at the crossroad of reproduction and metabolism - the tanycytic role of estrogen sensing

12.15 – 12.30 **Mathilde Roux, Lille**

The Hippo pathway: a new regulator of tanycytes neural stem cell properties and energy homeostasis

12.30 – 13.30 Lunch

Session 3 - Chair: Akila Chandrasekar

13.30 – 14.00 **Sara Martínez Martínez , Santiago de Compostela**

Role of mTORC1 and mTORC2 in tanycytes in metabolism and aging

14.00 – 14.30 **Virginie Mattot, Lille**

Hypothalamic PNN plasticity: A daily oscillation modulating brain-periphery communication

Invited speakers (45 minutes + 15 minutes discussion)

14.30 – 15.30 **Marc Claret, Hospital Clinic Barcelona**

Multifaceted mitochondria and energetics in neurons and tanycytes

15.30 – 16.00 Coffee Break

Session 4, invited speakers – Chair: Eleonora Deligia

16.00 – 17.00 **Fanny Langlet, University of Lausanne**

Metabolic regulation of lipid processing and neuronal interaction in tanycytes

17.00 – 18:00 **Jens Brüning, Max-Planck Institute for Metabolism Research, Cologne**

CNS control of liver organelle dynamics

19.30 Dinner

Wednesday, January 21st, 2026

Session 5, Invited speakers - Chair: Daniela Fernandois

09.00 – 10.00 **Sophie Steculorum, Max-Planck Institute for Metabolism Research, Cologne**

Neurocircuits of food sensory perception

10.00 – 11.00 **Carmelo Quarta, Bordeaux Neurocampus**

Extracellular matrix cues shape POMC neuron identity and function

11.00 – 11.30 Coffee Break

Session 6 – Chair: Mathilde Roux

11.30 – 12.00 **Eleonora Deligia, Lille**

Metformin's anti-obesity action needs tanycytic leptin transport

12.00 – 12.15 **Constance Kienle, Lübeck**

Tanycytes bear cilia with distinct morphologies across subtypes and physiological states

12.15 – 12.45 **Manon Rivagorda, Lübeck**

Ciliary sensing in tanycytes couples nutrient availability to metabolic regulation

12.45 – 13.00 **Alba López Cabaleiro, Santiago de Compostela**

Resmetirom ameliorates liver damage induced by acetaminophen overdose

13.00 – 14.00 Lunch

Session 7 - Chair: Constance Kienle

14.00 – 14.30 Akila Chandrasekar, Lübeck

Tanycytic regulation of hypothalamic thyroid hormone availability and its role in metabolism and fertility

14.30 – 15:00 Sreekala Namphootiri, Lille

Sexually dimorphic immunocompetence of tanycyte

15.00 – 15:30 José Iglesias Moure, Santiago de Compostela

Regulation of energy homeostasis by CEBPB in tanycytes

15.30 – 16.00 Coffee break

Session 8 – Chair: Alba Lopez

16.00 – 16.15 Claire Jasinski, Lille

Tanycytic control of axonal wiring in the mediobasal hypothalamus

16.15 – 16.30 Ombeline Desruelle, Lille

Tanycytes as non-endothelial targets of VEGF signaling

16.30 – 17.00 Helge Müller-Fielitz, Lübeck

TSH receptors in tanycytes modulate gene expression and hypothalamic functions

17.00 – 17.30 Florent Sauve, Upsala

Pathophysiological roles of tanycytes in Alzheimer's disease and COVID-19

17.30 Closing remarks