

ERC WATCH - Third Meeting

February 20 to 21, 2020

Lübeck, Germany

February 20 to February 21, 2020
University of Lübeck
Lübeck
Germany

Organizers:
Markus Schwaninger
Vincent Prévot
Ruben P. Nogueiras



WATCH



European Research Council
Established by the European Commission

 **Inserm**
Institut national
de la santé et de la recherche médicale

USC
UNIVERSIDADE
DE SANTIAGO
DE COMPOSTELA



UNIVERSITÄT ZU LÜBECK

Hotel Accomodation:

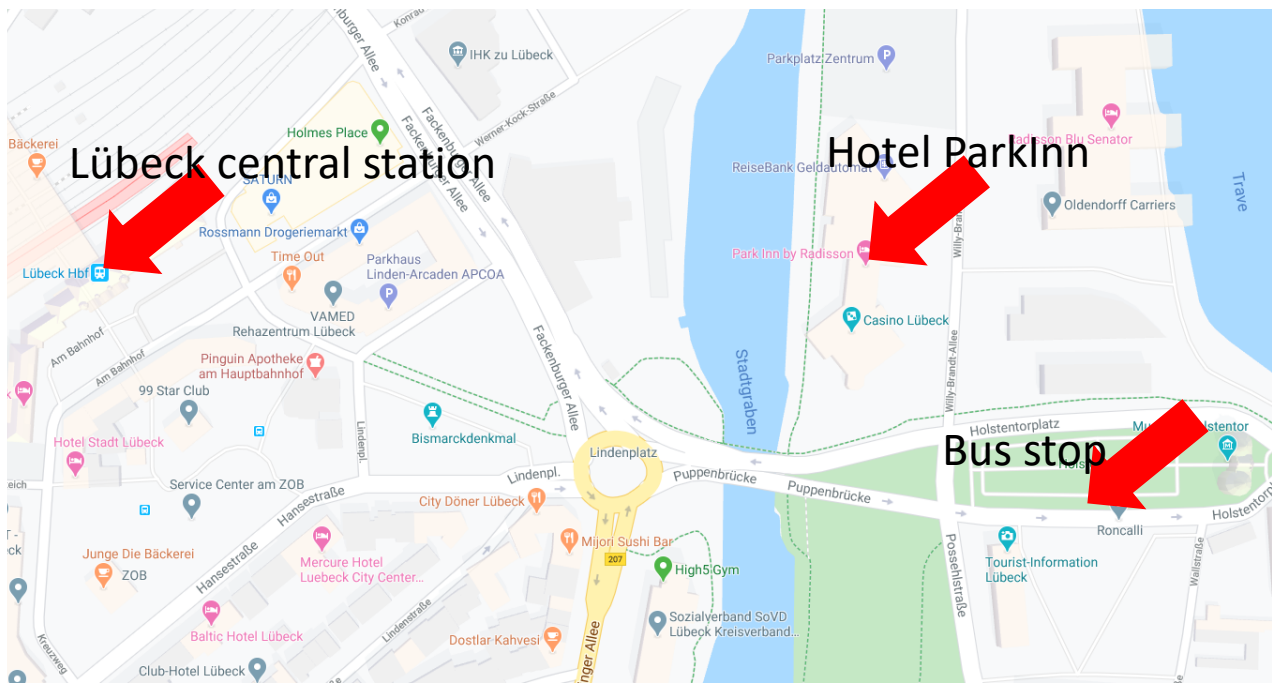
ParkInn by Radisson
Willy-Brandt-Allee 1-5
23554 Lübeck

Place of meeting:

University of Lübeck
Ratzeburger Allee 160
CBBM, Building 66, 3rd floor, room 059
23562 Lübeck

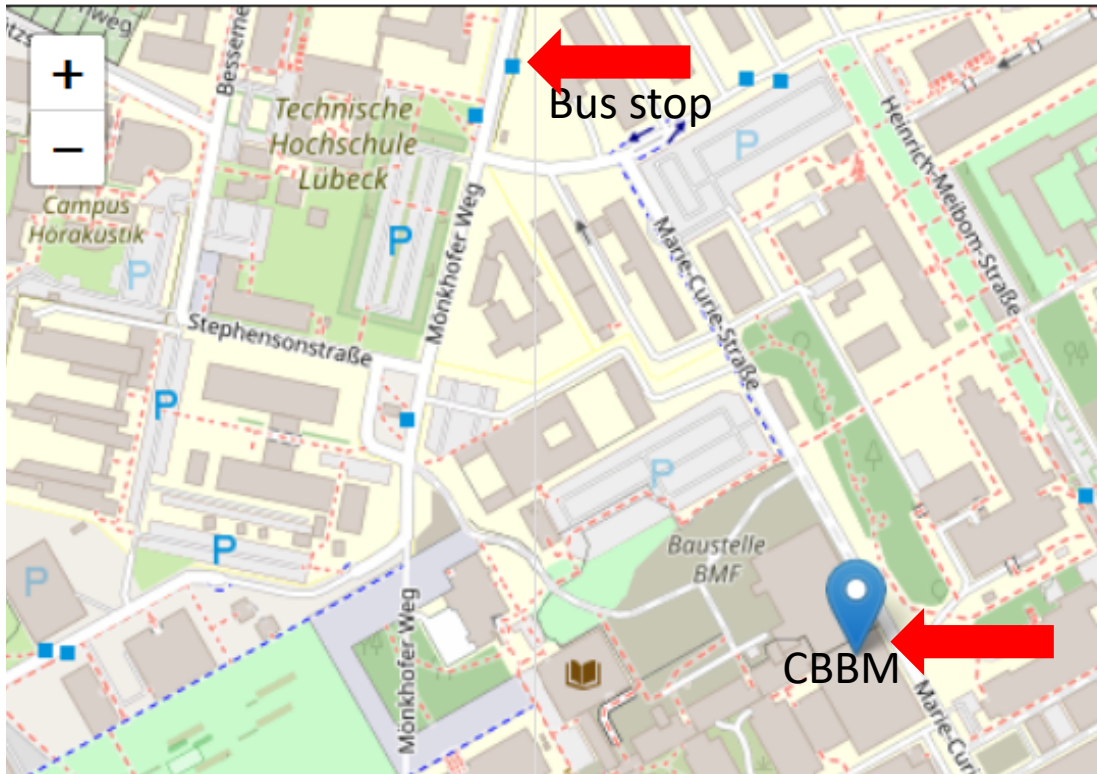
From Airport to the hotel:

From Hamburg international airport take the S-Bahn (S1, direction Wedel, every 10 minutes) from the airport to Hamburg central station. Please change the train at Hamburg central station and take the local train to Lübeck (every 30 minutes). From Lübeck central station to the hotel it is a 5 min walk.



From hotel to meeting place:

The bus stop is only a few minutes walk from the hotel in front of the “Holstentorplatz”. Please use bus line 9 or 1 and leave the train at stop “Technische Hochschule”.

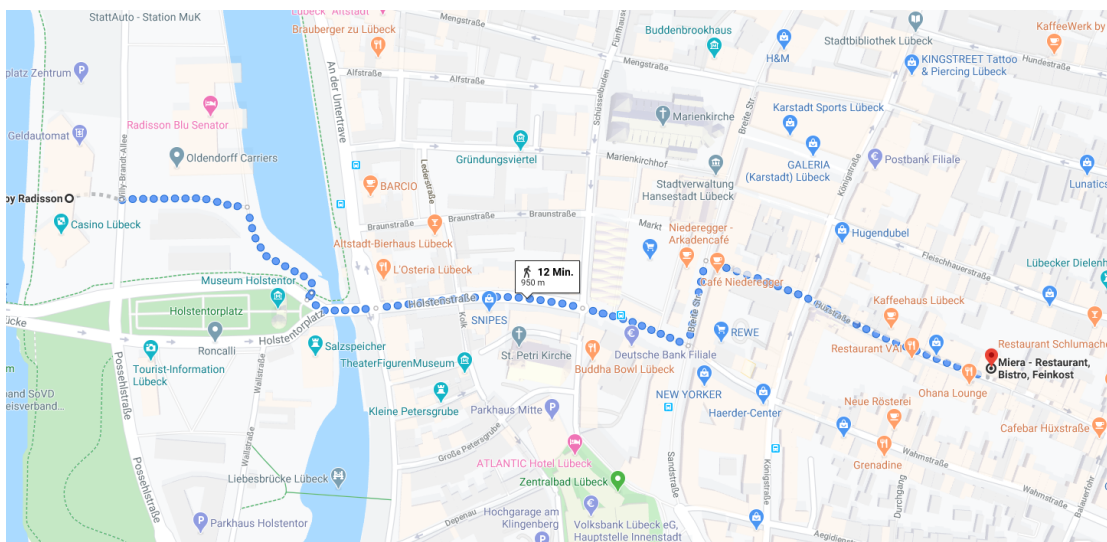


Dinner on February 20th, 2020

Restaurant Miera

Hüxstraße 57

23552 Lübeck



THURSDAY, February 20

8H45 – 9H00 **Registration and Welcome**

9H00- 9H30 **Markus Krohn**, University of Lübeck, Germany
STED microscopy

9H30- 10H00 **Virginie Mattot**, Inserm, University of Lille, France
The elusive lateral frontier between the median eminence and the arcuate nucleus of the hypothalamus.

10H00- 10H30 **Cristina Iglesias**, University of Santiago de Compostela, Spain
Exploring mTOR signaling in tanycytes.

10H30- 11H00 **COFFEE BREAK**

11H00- 11H30 **Anke Fährnich**, University of Lübeck, Germany
Single cell sequencing from whole hypothalamic extracts

11H30- 12H00 **Helge Müller-Fielitz**, University of Lübeck, Germany
Thyroid hormones in tanycyte physiology

12H00- 13H00 **LUNCH**

THURSDAY, February 20

- 13H00- 13H30 **Violeta Heras**, University of Santiago de Compostela, Spain
Deciphering the role of aging-related genes in tanycytes.
- 13H30- 14H00 **Mariana Astiz**, University of Lübeck. Germany
Clock-dependent prenatal programming of the stress axis
- 14H00- 14H30 **Manon Duqenne**, Inserm, France
Affecting leptin receptors expression in tanycytes is impacting central regulation of energy homeostasis.
- 14H30- 15H00 **COFFEE BREAK**
- 15H00- 15H30 **Monica Imbernon**, Inserm, France
The transport of blood-borne Liraglutide into the hypothalamus by tanycytes is essential to its anti-obesity effects
- 15H30- 16H00 **Florent Sauve**, Inserm, University of Lille, France
Role of tanycytes in Alzheimer's disease and frontotemporal dementias
- 16H00- 16H30 **Daniela Fernandois**, Inserm, France
Estradiol receptor alpha in tanycytes orchestrate fertility and metabolism
- 19H00- ? **DINNER**
Restaurant Miera, Huxstrasse 57, 23552 Lübeck
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FRIDAY, February 21

- 09H00- 09H30 **Ariane Sharif**, Inserm, University of Lille, France
Exploration of the hypothalamic niche in rodent and human.
- 09H30- 10H00 **Vanessa Neve**, University of Lübeck, Germany
Viral approaches to attack tanycytic subpopulations
- 10H00- 10H30 **Eleonora Deligia**, , Inserm, University of Lille, France
Tanycyte-AMPL α 1 / α 2 modulates hypothalamic access of blood-borne molecules
- 10H30- 11H00 **COFFEE BREAK**
- 11H00- 11H30 **Sivaraj Mohana Sundaram**, University of Lübeck, Germany
Delivery of functional Monocarboxylate Transporter 8 to the BBB of Mct8/Oatp1c1 DKO mice an animal model for AHDS
- 11H30- 12H00 **Jan Wenzel**, University of Lübeck, Germany
CO₂ decreases BAT activity – a phenomenon that is amplified by impaired cerebrovascular reactivity
- 12H00- 13H00 **LUNCH**
- 13H00 **END OF MEETING**
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