Unil SLEEP RESEARCH DAY

October 17, 2022 | 9:00 – 17:00
CHUV – Auditoire Charlotte Olivier, Lausanne

guest speakers

Dr. Christian Cajochen
Dr. Anissa Kempf
Registration link: soon...

**Morning session** | Human and rodent sleep: arousability, consciousness and internal dynamics

9h30-10h15: **Dr. Christian Cajochen**, Centre for Chronobiology (University of Basel)  
TBA

10h15-11h30:
- **Aurélie Stephan** (Francesca Siclari group): *The role of type I SW and high-frequency EEG activity in spontaneous awakenings and subjective sleepiness: a high-density serial awakening study.*
- **Dr. Silvia Monari** (Carmen Sandi group): TBA
- **Dr. Georgios Foustoukos** (Anita Lüthi group): *The cerulean gate: A role of the locus coeruleus in the ultradian sleep cycle.*

11h30-11h40: Short break

11h40-12h30:
- **Jacinthe Cataldi** (Francesca Siclari group): *EEG correlates of consciousness and recall of mental content in disorder of arousals.*
- **Dr. Geoffroy Solelhac** (Rafael Heinzer group): *Pulse wave amplitude drop index, a new marker of cardiovascular risk in sleep apnea.*

12h30-13h30: Lunch break

**Afternoon session** | Mouse and Drosophila sleep: genetic, neuronal & homeostatic mechanisms

13h30-14h15: **Dr. Anissa Kempf**, Biozentrum (University of Basel)  
*Mechanistic control of the sleep homeostat in the fly*

14h15-15h30:
- **Dr. Andrey Lazopulo** (Paul Franken group): *Brain temperature as a read-out of neuronal activity.*
- **Najma Cherrad** (Anita Lüthi group): *Vagal sensory afferent regulation of mouse sleep: insights into circuits and mechanisms.*
- **Gianandrea Broglia** (Mehdi Tafti group): *Orexin mediates Neuromodulation during Sleep.*

15h30-16h: Break – informal discussions

16h00-16h45:
- **Dr. Carlos Eduardo Sousa Neves** (Paul Franken group): *Regulation of chromatin accessibility by sleep deprivation.*
- **Dr. Mojtaba Bandarabadi** (Mehdi Tafti group): *Modelling sleep using cultured cells.*

16h50-17h00: Closing remarks
Credit requirements

LNDS candidates please register to the event via the indicated registration platform. The LNDS coordinator will have a list of attendees as to show you participated. If you are attending remotely, please take screenshots as to show your participation.

Without the additional task below, you can put 2 entries on your seminar sheet for pure attendance of the research day.

If you would like to obtain 1 ECTS, please follow the instructions below:

1) Ask minimum 2 questions during the discussion sessions with the speakers after their talks.

2) Write a short text in which you develop potential research perspectives on 1 or more topics you have heard during the day. State what would be the next steps experiments or projects of interest. (minimum ½ page, maximum 1 page, to be sent to laura.fernandez@unil.ch by November 20 (tbc).