

12th Swiss Chronobiology Meeting

September 7, 2023

Department of Biology, University of Fribourg

1.100 Grande auditoire

Chemin du Musée 5

[Building No. 9 www.unifr.ch/map/de/perolles.php]

Organizer:

Urs Albrecht and Jürgen Ripperger

Deadline for registration (free of charge): August 31, 2023

Register per email to: urs.albrecht@unifr.ch

Counts as ½ day of continued education in animal experimentation

PROGRAM

Thursday, September 7, 2023

- **Morning session** (Chair: Urs Albrecht)

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| 09:15 | Welcome (Urs Albrecht) |
| 09:20-09:50 | "Mood by clock phosphorylation"
Toru Takumi , Kobe |
| 09:50-10:20 | "A new frontier: circadian clocks in non-photosynthetic prokaryotes"
Martha Merrow , Munich |
| 10:20-10:40 | Coffee Break and Posters |
| 10:40-11:10 | "Targeting the circadian immune system in cancer chronoimmunotherapy"
Christoph Scheiermann , Geneva |
| 11:10-11:40 | "The importance of being rhythmic: Days and nights of the body's metabolism"
Charna Dibner , Geneva |
| 11:40-12:10. | "Molecular Mechanisms of Bmal1 Transcriptional Regulation by Glucocorticoids"
Masaaki Ikeda , Saitama |
| 12:10-14:00 | LUNCH and Poster viewing |

- **Afternoon session** (Chair: Jürgen Ripperger)

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| 14:00-14:30 | "Not without opening the cerulean gate: a non-reducible time frame for mammalian NREM-REM sleep cycles"
Anita Lüthi , Lausanne |
| 14:30-15:00. | "Manipulating SCN neurons at the "wrong" time of the day: impact on sleep and wake behavior in mice"
Konstantinos Kompotis , Zürich |
| 15:00-15:30 | Coffee Break and Posters |
| 15:30-16:00 | "Cortical Bmal1 binding to chromatin is modulated by sleep-wake behavior"
Carlos Sousa Neves , Lausanne |
| 16:00-16:30 | "Towards systems biology of human sleep/wake cycles: Phosphorylation hypothesis of sleep"
Hiroki Ueda , Tokyo |
| 16:30-17:00. | "Cyclin-dependent kinase 5 gates light induced phase delays of the circadian clock"
Andrea Brenna , Fribourg |
| 17:00-17:10 | Concluding Remarks (Urs Albrecht) |
| 18:30-? | Speakers dinner in the Restaurant Bindella |