

7th Swiss Chronobiology Meeting

September 6, 2018

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 30, 2018

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

Counts as ½ day of continued education in animal experimentation

PROGRAM

Thursday, September 6, 2018

- Morning session** (Chair: Urs Albrecht)

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| 09:15 | Welcome (Urs Albrecht) |
| 09:20-09:50 | " <i>The Genomic Imprinting Hypothesis of Sleep</i> "
Valter Tucci , Genova |
| 09:50-10:20 | " <i>The energy allocation hypothesis of sleep function: An evolutionary perspective</i> "
Markus Schmidt , Bern |
| 10:20-10:40 | Coffee Break and Posters |
| 10:40-11:10 | " <i>The Cortical Synaptic Transcriptome is Organized by Clocks, but its Proteome is Driven by Sleep</i> "
Steve Brown , Zürich |
| 11:10-11:40 | " <i>Time-memory assay revisited, ontogenetically</i> "
Emi Nagoshi , Geneva |
| 11:40-12:10 | " <i>Tissue-specific Per2^{-/-} mice display increased food uptake under daytime feeding</i> "
Jürgen Ripperger , Fribourg |

12:10-14:00 LUNCH

- Afternoon session** (Chair: Jürgen Ripperger)

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| 14:00-14:30 | " <i>Daily oscillations in the liver</i> "
Ueli Schibler , Geneva |
| 14:30-15:00 | " <i>Molecular and cellular basis of chronotherapy for cancer</i> "
Masaaki Ikeda , Saitama |
| 15:00-15:30 | Coffee Break and Posters |
| 15:30-16:00 | " <i>Regulation of liver sex-dimorphic gene expression and metabolism by gut microbiota</i> "
Frédéric Gachon , Lausanne |
| 16:00-16:30 | " <i>CDK5-mediated phosphorylation of PER2 regulates the circadian clock</i> "
Andrea Brenna , Fribourg |
| 16:30-17:00 | " <i>α- and β-Cellular Clocks Impact on Glucagon and Insulin Secretion: Studies in Mouse and Human Models</i> "
Charna Dibner , Geneva |
| 17:00-17:10 | Concluding Remarks (Urs Albrecht) |
| 19:00-? | Speakers dinner in the Restaurant Bindella |

Swiss Industry Science Fund (SISF)



Sponsor :