Molecules for good sleep, molecules for bad sleep: from animal models to human sleep disorders

ORGANIZERS
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CREDITS
2 ECTS

AIM
To learn about recent insights into the molecular and cellular mechanisms underlying sleep quality and sleep disorders, focusing on the links between basic sleep research, implications for human sleep, and clinical sleep research.

TIME
2pm – 5pm, once a week on Mondays. The first 2 hours will be reserved for an in-depth presentation of the speaker’s topic followed by 1 hour for student presentation/discussion of a key paper in the field. Ten lectures in total, starting October 1st, ending December 3rd (see Schedule).

LOCATION
All lectures will take place at the “Petit Auditoire” of the DNF-UNIL, Rue Bugnon 9, Lausanne. Information about the venue and access can be found here.
When arriving by train at Lausanne main station, take the subway M2 direction "Croisettes / Sallaz" and get off at "Place de l'Ours". Cross the road and walk up Bugnon Street. The DNF is located around 100m up the street on your left.

EVALUATION
Active participation & student presentation/discussion of a key paper in the field.

REGISTRATION
Please register by sending an e-mail (with course name as subject and your supervisor in copy) to indscourses@gmail.com. The number of participants is limited to 20, places will be given on a first come – first served basis.
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<tr>
<th>Date</th>
<th>Presenter</th>
<th>Title</th>
<th>Affiliation</th>
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<tr>
<td>01.10.2018</td>
<td>Paul Franken</td>
<td>Concepts of sleep regulation: opponent processes</td>
<td>Center for Integrative Genomics, University of Lausanne</td>
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<tr>
<td>08.10.2018</td>
<td>Raphaël Heinzer</td>
<td>Sleep disorders</td>
<td>Centre d’Investigation et de Recherche sur le Sommeil, Centre Hospitalier Universitaire Vaudois, Lausanne</td>
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<tr>
<td>15.10.2018</td>
<td>Francesca Siclari</td>
<td>Dreams: a window into consciousness</td>
<td>Centre d’Investigation et de Recherche sur le Sommeil, Centre Hospitalier Universitaire Vaudois, Lausanne</td>
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<tr>
<td>22.10.2018</td>
<td>Reto Huber</td>
<td>Sleep and development</td>
<td>Child Development Center and Pediatric Sleep Disorders Center, University Children’s Hospital Zürich, Switzerland</td>
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<tr>
<td>29.10.2018</td>
<td>Hans-Peter Landolt</td>
<td>Human Sleep-Wake Pharmacogenetics</td>
<td>Institute of Pharmacology and Toxicology, University of Zürich, Zürich, Switzerland</td>
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<tr>
<td>05.11.2018</td>
<td>Anita Lüthi</td>
<td>Sleep rhythms: mechanisms, timing, location and functions</td>
<td>Dept. of Fundamental Neurosciences, University of Lausanne</td>
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<tr>
<td>12.11.2018</td>
<td>Michel Muhlethaler</td>
<td>Sleep-Wake Circuits</td>
<td>Department of Basic Neuroscience, University of Geneva</td>
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<tr>
<td>19.11.2018</td>
<td>Laura Fernandez</td>
<td>Electrical activities in the sleeping brain: recording methods and their applications</td>
<td>Dept. of Fundamental Neurosciences, University of Lausanne</td>
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<td>26.11.2018</td>
<td>Antoine Adamantidis</td>
<td>Optogenetic dissection of sleep wake circuits in the brain</td>
<td>Department of Neurology, Inselspital University of Bern Switzerland</td>
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<tr>
<td>03.12.2018</td>
<td>Mehdi Tafti</td>
<td>Genetics of sleep: of mice and men</td>
<td>Department of Physiology, University of Lausanne</td>
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