

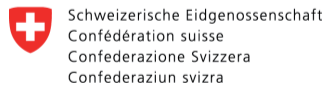
JUNE

> 23rd- 24th 2016

LOCATION / STRASBOURG

> Collège Doctoral Européen

46, Boulevard de la Victoire



Schweizerische Eidgenossenschaft
Confédération suisse
Confederazione Svizzera
Confederaziun svizra

Program Interreg V Upper Rhine «Transcending borders with every project», Neurex, CNRS, INSERM, Université de Strasbourg, Région Grand Est, Département du Bas-Rhin, Département du Haut-Rhin, Eurométropole Strasbourg, Hôpitaux Universitaires de Strasbourg, Bernstein Center Freiburg, Klinik für Psychiatrie und Psychotherapie Freiburg, Neurozentrum Freiburg, Universität Freiburg, Universität Basel, Universitäre Psychiatrische Kliniken Basel, Kanton Basel-Stadt, Kanton Basel-Landschaft, Confédération suisse.

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CIRCADIAN CLOCKS AND METABOLIC HEALTH:

From basic science to clinical implications

Organizer **Etienne CHALLET**

>>> Thursday 23rd

08.45 - 09.00 Introduction of the Symposium
by Etienne Challet (Strasbourg, F)

SESSION 1 MOLECULAR MECHANISMS (Chair: Frédéric Gachon, Lausanne, CH)

09.00 - 09.40 **CÉLINE FEILLET** (Nice, F)
«Coupling between the circadian clocks and the cell cycle»

09.40 - 10.20 **KIRAN PADMANABHAN** (Lyon, F)
«Epigenetic control of circadian clocks»

10.20 - 10.50 **Coffee break**

10.50 - 11.30 **FRÉDÉRIC GACHON** (Lausanne, CH)
«Effects of circadian and feeding rhythms on mRNA transcription and translation in the liver»

11.30 - 12.10 **UTE ROGNER** (Paris, F)
«Role of the clock gene Arntl2 in autoimmunity and type 1 diabetes»

12.10 - 12.50 **WOLFGANG DRIEVER** (Freiburg, G)
«Non-retinal photoreception in zebrafish: deep brain light sensors and the pineal system»

12.50 - 14.00 **Lunch time**

SESSION 2 PHYSIOLOGICAL MECHANISMS (Chair: Paul Pévet, Strasbourg, F)

14.00 - 14.40 **STEPHAN COLLINS** (Dijon and Strasbourg, F)
«Mechanisms underlying the rhythmic secretion of insulin»

14.40 - 15.20 **ALEKSEY MATVEYENKO** (Rochester, USA)
«Role of the pancreatic islet clock in glucose homeostasis»

15.20 - 16.00 **ATISH MUKHERJI & PIERRE CHAMBON** (Strasbourg, F)
«Shifting eating from the active to the rest phase results in a 12 h misalignment between the circadian peripheral and central clocks, which leads to a metabolic syndrome»

16.00 - 16.30 **Coffee break**

16.30 - 17.10 **SHIGENOBU SHIBATA** (Tokyo, J)
«Entrainment of the liver clock by scheduled feedings»

17.10 - 17.50 **HENRIK OSTER** (Lübeck, D)
«Synchronization of the circadian timing system by light and food»

17.50 - 18.30 **DIANE BOIVIN** (McGill University, CA)
«Glucocorticoids as markers and synchronizers of human circadian rhythms»

>>> Friday 24th

SESSION 3 CLINICAL IMPLICATIONS (Chair: Andries Kalsbeek, Amsterdam, NL)

08.30 - 09.10 **ANNE ECKERT** (Basel, CH)
«Impaired brain metabolism and rhythmicity during aging»

09.10 - 09.50 **SUSANNE LA FLEUR** (Amsterdam, NL)
«Timing the amount of food when losing weight: effects on brain and metabolism»

09.50 - 10.30 **JONATHAN JOHNSTON** (Surrey, UK)
«Human circadian rhythms, metabolism and chrononutrition»

10.30 - 11.00 **Coffee break**

11.00 - 11.40 **ANDRIES KALSBECK** (Amsterdam, NL)
«Circadian control of glucose metabolism»

11.40 - 12.20 **ELEANOR SCOTT** (Leeds, UK)
«Circadian influences on cardiometabolic diseases»

12.20 - 13.00 **CHRISTIAN CAJOCHEN** (Basel, CH)
«Disturbed sleep in humans and metabolic consequences»

13.00 - 14.30 **Lunch time**