

FROM THE PINEAL TO BIOLOGICAL RHYTHMS THROUGH MELATONIN

A CONFERENCE IN HONOR OF PROF. PAUL PÉVET

THURSDAY, JANUARY 26TH, 2023

13.30 — 13.45 **Welcome:** E. Challet, M.P. Felder-Schmittbuhl & V. Simonneaux
13.45 — 14.00 **Keynote:** C. Florentz, Vice-President of University of Strasbourg

14.00 — 15.00 **INTRODUCTORY PLENARY LECTURE**

Chair: M. MASSON-PÉVET

R.M. BUIJS — (Mexico City, Mexico)

"The suprachiasmatic nucleus: the central player in the multi-oscillatory circadian system"

15.00 — 17.00

MELATONIN

Chairs: B. CLAUSRAT & F. GAUER

D.J. SKENE — (Guildford, UK)

"Role of melatonin in health and disease"

P. KLOSEN — (Strasbourg, France)

"The distributions of MT1 and MT2 melatonin receptors in the mouse brain"

J. STEHLE — (Frankfurt, Germany)

"Melatonin, hippocampus and memory processes"

B. GUARDIOLA-LEMAITRE — (Suresnes, France)

"Valdoxan: from concept to drug"

17.00 — 17.30

COFFEE BREAK

17.30 — 19.00

RHYTHMS IN THE RETINA

Chairs: V. GYDÉ-LAURENT & C. SANDU

M.P. FELDER-SCHMITTBUHL — (Strasbourg, France)

"The retina: a network of clocks"

C. RIBELAYGA — (Houston, USA)

"Molecular and functional architecture of the mouse photoreceptors network"

D. HICKS — (Strasbourg, France)

"Retina of diurnal models: a key for studying human retina pathology"

FRIDAY, JANUARY 27TH, 2023

08.30 — 09.00

HISTORICAL LECTURE

Chair: D. SKENE

J. ARENDT — (Guildford, UK)

"Melatonin: evolution of concepts"

09.00 — 11.00

CIRCADIAN BIOLOGY

Chairs: S. RAISON & N. LAKHDAR-GHAZAL

A. KALSBEK — (Amsterdam, The Netherlands)

"How to repair the disturbed circadian system"

E. CHALLET — (Strasbourg, France)

"Circadian clocks, hypothalamus and metabolism"

J. MENET — (Texas, USA)

"Clock-controlled rhythmic transcription: is the clock enough and how does it work?"

J.H. MEIJER — (Leiden, The Netherlands)

"Behavioural feedback on the central clock in diurnal mammals"

11.00 — 11.30

COFFEE BREAK

11.30 — 13.30

SEASONAL BIOLOGY

Chairs: P. VUILLEZ & F. RAYNAUD

V. SIMONNEAUX — (Strasbourg, France)

"Melatonin and seasonal reproduction"

H. DARDENTE — (Nouzilly, France)

"Thyroid hormones and seasonality in sheep"

D.G. HAZLERIGG — (Tromsø, Norway)

"Towards an understanding of seasonal programming"

S. MONECKE — (Munich, Germany)

"Circannual rhythmicity in the European hamster"

13.30 — 14.30

LUNCH BREAK

14.30 — 16.30

COMPARATIVE PHYSIOLOGICAL RHYTHMS

Chairs: B. VIVIEN & D. BOUDARD

H.W. KORF — (Düsseldorf, Germany)

"The comparative approach: a key for pineal and biological rhythms research"

K. EL ALLALI — (Rabat, Morocco)

"Synchronization of the circadian system in the desert environment"

A. HERWIG — (Ulm, Germany)

"Why does a mammal become torpid in winter?"

N. FOULKES — (Kalsruhe, Germany)

"Fish models shed new light on the vertebrate circadian timing system"

16.30 — **PAUL PÉVET'S CONCLUSIVE REMARKS**

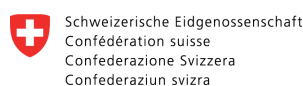
Photo: Adobe Stock

NEUREX CONFERENCE

JANUARY
26TH-27TH, 2023
STRASBOURG

VENUE
COLLÈGE DOCTORAL EUROPÉEN
46 BOULEVARD DE LA VICTOIRE
67000 STRASBOURG

ORGANIZERS
ÉTIENNE CHALLET,
MARIE-PAULE FELDER-SCHMITTBUHL
& VALÉRIE SIMONNEAUX



REGISTRATION & MORE INFO www.neurex.org or contact@neurex.org