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NEUREX
MEETING/WORKSHOP

JUNE
2ND, 2022
STRASBOURG

VENUE
COLLÈGE DOCTORAL EUROPÉEN
46 BD DE LA VICTOIRE
67000 STRASBOURG - FRANCE

ORGANIZERS
MARIE-PAULE FELDER-SCHMITTBUHL, JORGE MENDOZA, DOMITILLE BOUDARD & PASCALE PIGUET

interreg Oberrhein Rhin Supérieur

European Regional Development Fund

Schweizerische Eidgenossenschaft
Confédération suisse
Confederazione Svizzera
Confederaziun svizra

— PROJECT INTERNEURON —

Program Interreg V Upper Rhine «Transcending borders with every project», Neurex, Médalis, BioValley France, CNRS, 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 Aargau, Kanton Basel- Landschaft, Confédération suisse.

LIGHT AND THE CIRCADIAN SYSTEM: FROM RETINA TO THE BRAIN AND BEHAVIOR

THURSDAY, JUNE 2ND, 2022

Program and registration at **www.neurex.org**

10.15 — 10.30 INTRODUCTION

SESSION 1
Retinal circadian clocks
Chaired by Marie-Paule Felder-Schmittbuhl (CNRS, Strasbourg, France)

10.30 — 11.00
Nemanja MILICEVIC —
(Tampere University, Finland)
" The circadian clock in the RPE"

11.10 — 11.30 **COFFEE BREAK**

11.30 — 12.10
Ouria DKHISSI-BENYAHYA —
(INSERM U1208, Stem Cell and Brain Research Institute, Bron, France)
"Role of dopamine in the ontogeny of the mammalian retinal clock"

12.10 — 12.50
Christophe RIBELAYGA —
(The University of Houston, TX, USA)
"New tools and approaches to study the daily plasticity and function of the rod/cone gap junction"

12.50 — 14.15 **LUNCH**

14.15 — 14.55 Visio
Michael IUVONE —
(Emory University School of Medicine, Atlanta, GA, USA)
"Dopamine, opsins, clocks, and myopia"

SESSION 2
Illuminating the effects of light exposure in the central nervous system
Chaired by Jorge Mendoza (CNRS, Strasbourg, France)

14.55 — 15.35
Elise BECKERS —
(GIGA-Institute CRC-In Vivo Imaging Unit, Université de Liège, Belgium)
"Neuroimaging the non-image forming impacts of light on cognitive brain functions"

15.35 — 16.00 **COFFEE BREAK**

16.00 — 16.40 Visio
Diego Carlos FERNANDEZ —
(National Institute of Mental Health (NIMH), National Institutes of Health (NIH), Bethesda, MD, USA)
"Retina-brain circuits underlying daily changes in ambient light to modulate affective behavior"

16.40 — 17.20
Manuel SPITSCHAN —
(Technical University of Munich & Max Planck Institute for Biological Cybernetics, Tübingen, Germany)
"What does the human eye tell the human circadian clock?"

17.20 — 17.25 **CONCLUDING REMARKS**

Interneuron