

MAY / JUNE

> **31ST MAY - 1ST JUNE 2018**

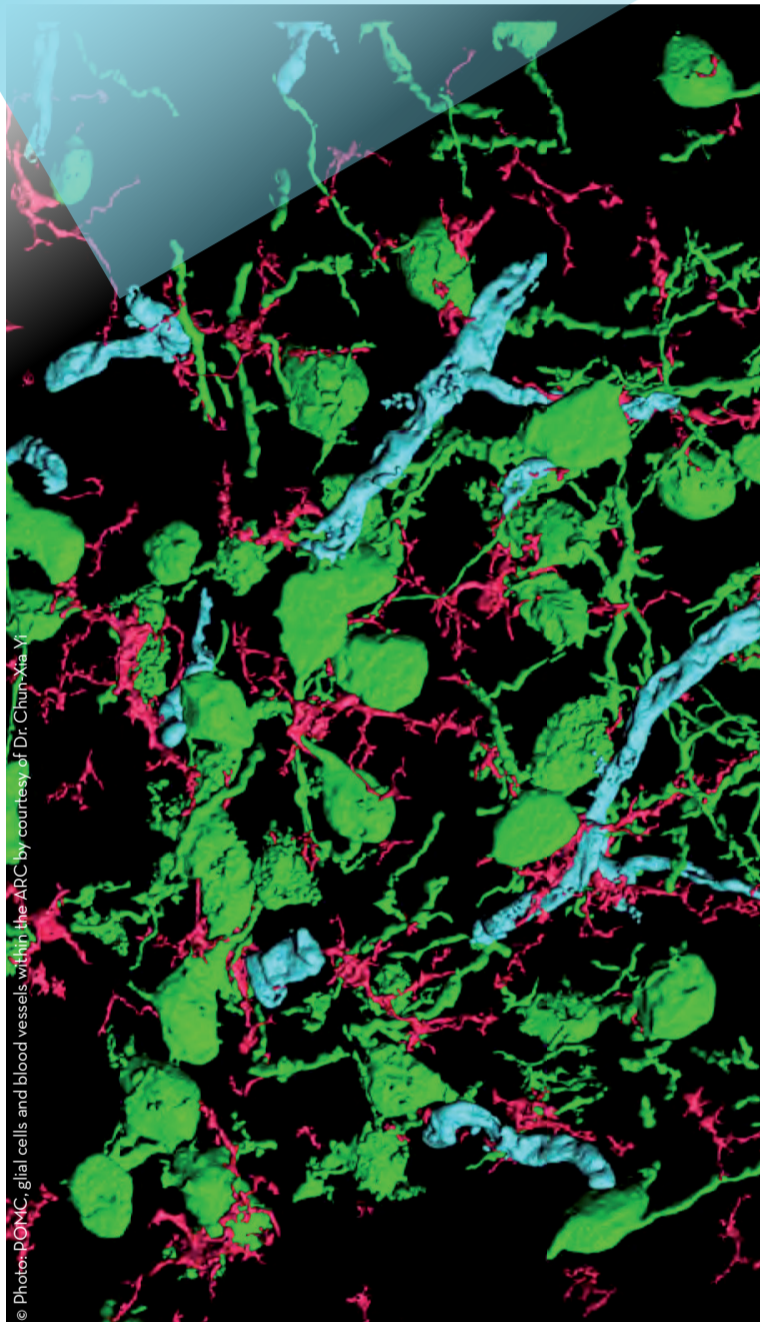
VENUE / **STRASBOURG**

> **Collège Doctoral Européen
46, Boulevard de la Victoire**

REGISTRATION & MORE INFO /

www.neurex.org

or contact@neurex.org



© Photo: POMC glial cells and blood vessels within the ARC by courtesy of Dr. Chun-Xia Yi



THE ARCUATE NUCLEUS: SENSOR OF TIME AND METABOLISM



Organizer **Paul Pévet** (NEUREX, Strasbourg, France)

>>> **Thursday, May 31ST**

09.00 - 09.30 Registration & Welcome Coffee

09.30 - 09.40 Welcome: Paul Pévet, Strasbourg, France

SESSION 1

CHAIRMAN: E. CHALLET (Strasbourg, France)

09.40 - 10.20 **J.N. BETLEY** (Virginia, US)

«THE ARCUATE NUCLEUS SENSES THE METABOLIC AND HORMONAL CHANGES OF THE BODY»

10.20 - 11.00 **R.M. BUIJS** (Mexico, Mexico)

«SUPRACHIASMATIC NUCLEUS TIMES THE ARCUATE NUCLEUS: ESSENTIAL FOR ORGANIZING PHYSIOLOGICAL RHYTHMS»

11.00 - 11.30 *Coffee Break*

11.30 - 12.10 **C.-X. YI** (Amsterdam, The Netherlands)

«MICROGLIAL IMMUNOMETABOLISM IN THE ARCUATE NUCLEUS»

12.10 - 12.50 **V. PRÉVOT** (Lille, France)

«FLIPPING THE TANYCYTE SWITCH: HOW CIRCULATING SIGNALS GAIN DIRECT ACCESS TO THE METABOLIC BRAIN»

12.50 - 13.50 *Lunch break*

SESSION 2

CHAIRMAN: V. PRÉVOT (Lille, France)

13.50 - 14.30 **M.V. KOKOEVA** (Montreal, Canada)

«ANATOMY OF THE LEPTIN SENSING»

14.30 - 15.10 **S.G. BOURET** (Lille, France)

«DEVELOPMENTAL PROGRAMMING OF THE ARCUATE NUCLEUS»

15.10 - 15.40 *Coffee Break*

15.40 - 16.20 **M.T. TSCHÖP** (Munich, Germany)

«ASTROCYT GLUCOSE SENSING IN ARCUATE NUCLEUS INVOLVED IN POMC SIGNALING»

16.20 - 17.00 **P. MOLLARD** (Montpellier, France)

«DYNAMIC OF THE DIALOG BETWEEN THE ARCUATE NUCLEUS AND PORTAL VESSELS»

>>> **Friday, June 1ST**

SESSION 3

CHAIRMAN: R.M. BUIJS (Mexico, Mexico)

09.00 - 09.40 **V. SIMONNEAUX** (Strasbourg, France)

«A KISS IN THE ARCUATE NUCLEUS TO ADAPT REPRODUCTION TO SEASON»

09.40 - 10.20 **P. MORGAN** (Aberdeen, UK)

«PHOTOPERIODIC REGULATION OF TANYCYTES»

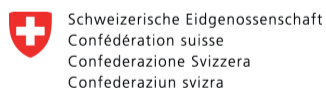
10.20 - 10.50 *Coffee Break*

10.50 - 11.30 **H.W. KORF** (Frankfurt, Germany)

«MELATONIN, MELATONIN RECEPTORS AND ARCUATE NUCLEUS»

11.30 - 12.10 **P. PÉVET** (Strasbourg, France)

«A MELATONIN INDEPENDENT PHOTOPERIODIC RESPONSE WITHIN THE ARCUATE NUCLEUS»



Project "Trinational NeuroCampus" - 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.

