

DECEMBER  
> 4<sup>TH</sup> - 5<sup>TH</sup> 2017

VENUE / STRASBOURG

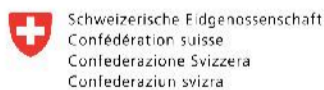
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REGISTRATION & MORE INFO /

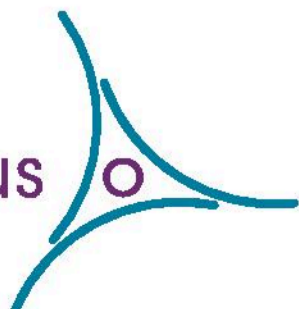
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Project "Trinational NeuroCampus" - Program Interreg V Upper Rhine «Transcending borders with every project», Neurex, CNRS, INSERM, Université de Strasbourg, Région Grand Est, Département du Bas-Rhin, Département du Haut-Rhin, Eurométropole Strasbourg, 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.

NeuroCampus



# EARLY SIGNS OF MEMORY DECLINE: OBJECT OR PLACE FIRST?

Organizers **Chantal Mathis and Céline Héraud**  
(LNCA, UMR 7364, Strasbourg)

## >>> Monday, December 04<sup>TH</sup>

09.00 - 09.30 Registration & welcome coffee

### FIRST SESSION

**RECOGNITION MEMORY: OBJECT VERSUS PLACE**  
**CHAired BY: JAN LACZO**

09.30 - 10.30 **MICHAEL YASSA** (Irvine, USA)  
« SELECTIVE VULNERABILITIES IN RHINAL CORTICES WITH AGE-RELATED  
MEMORY DECLINE: OBJECT VS. SPATIAL PATTERN SEPARATION »

10.30 - 11.00 Coffee break

11.00 - 11.45 **MIRA DIDIC-HAMEL COOKE** (Marseille, France)  
« EARLY DECLINE OF OBJECT-RELATED RECOGNITION MEMORY  
IN ALZHEIMER'S DISEASE »

11.45 - 12.30 **SABINE KRUMM** (Basel, Switzerland)  
« CORTICAL THINNING IN THE MEDIAL TEMPORAL LOBE  
AND EARLY SIGNS OF MEMORY DECLINE »

12.30 - 14.00 Lunch break

### SECOND SESSION

**EARLY SIGNS OF MEMORY DECLINE IN ANIMAL MODELS**  
**CHAired BY: CÉLINE HÉRAUD**

14.00 - 14.45 **JOHN GIGG** (Manchester, UK)  
« EARLY ELECTROPHYSIOLOGICAL AND BEHAVIOURAL  
CORRELATES OF PATHOLOGY IN THE HIPPOCAMPAL FORMATION  
OF THE 3xTg-AD MOUSE »

14.45 - 15.30 **INGRID BETHUS** (Nice, France)  
« GLUCOCORTICOID RECEPTOR INHIBITION RESCUES  
EARLY MEMORY DECLINE AND SYNAPTIC PLASTICITY  
IN A MOUSE MODEL OF ALZHEIMER DISEASE »

15.30 - 16.00 Coffee break

16.00 - 16.45 **CHANTAL MATHIS** (Strasbourg, France)  
« FINE PATTERN DISCRIMINATION IN MICE DURING NORMAL  
AND PATHOLOGICAL AGING »

16.45 - 17.30 **FABIENNE AUJARD** (Brunoy, France)  
« EXPLORING THE EARLY SIGNS OF MEMORY DEFICITS  
IN A NON HUMAN PRIMATE »

## >>> Tuesday, December 05<sup>TH</sup>

### THIRD SESSION

**SPATIAL MEMORY: MAPS OR ROUTES ?**  
**CHAired BY: MICHAEL YASSA**

09.00 - 10.00 **JAN LACZO** (Prague, Czech Republic)  
« MAPS AND ROUTES IN ALZHEIMER'S DISEASE »

10.00 - 10.45 **VASSILIOS BEGLOPOULOS** (Edinburgh, UK)  
« EARLY MEMORY RETRIEVAL-SPECIFIC DEFICITS AS THE BASIS  
OF A COGNITIVE/PHYSIOLOGICAL BIOMARKER  
FOR PRE-PATHOLOGICAL ALZHEIMER'S DISEASE IN A MOUSE MODEL »

10.45 - 11.15 Coffee break

11.15 - 12.00 **SÉGOLÈNE LITHFOUS** (Strasbourg, France)  
« SPATIAL MEMORY: A SENSITIVE TOOL TO DETECT AGE-RELATED  
COGNITIVE DEFICITS? »

12.00 - 12.45 **ALINE MARIGHETTO** (Bordeaux, France)  
« RADIAL-MAZE MODELS OF AGE-RELATED DECLINE  
OF DECLARATIVE MEMORY IN MICE AND HUMANS:  
IDENTIFICATION OF TEMPORAL BINDING AS A KEY PROCESS »