

Ad Aertsen
Bernstein Center Freiburg
and Faculty of Biology
University of Freiburg

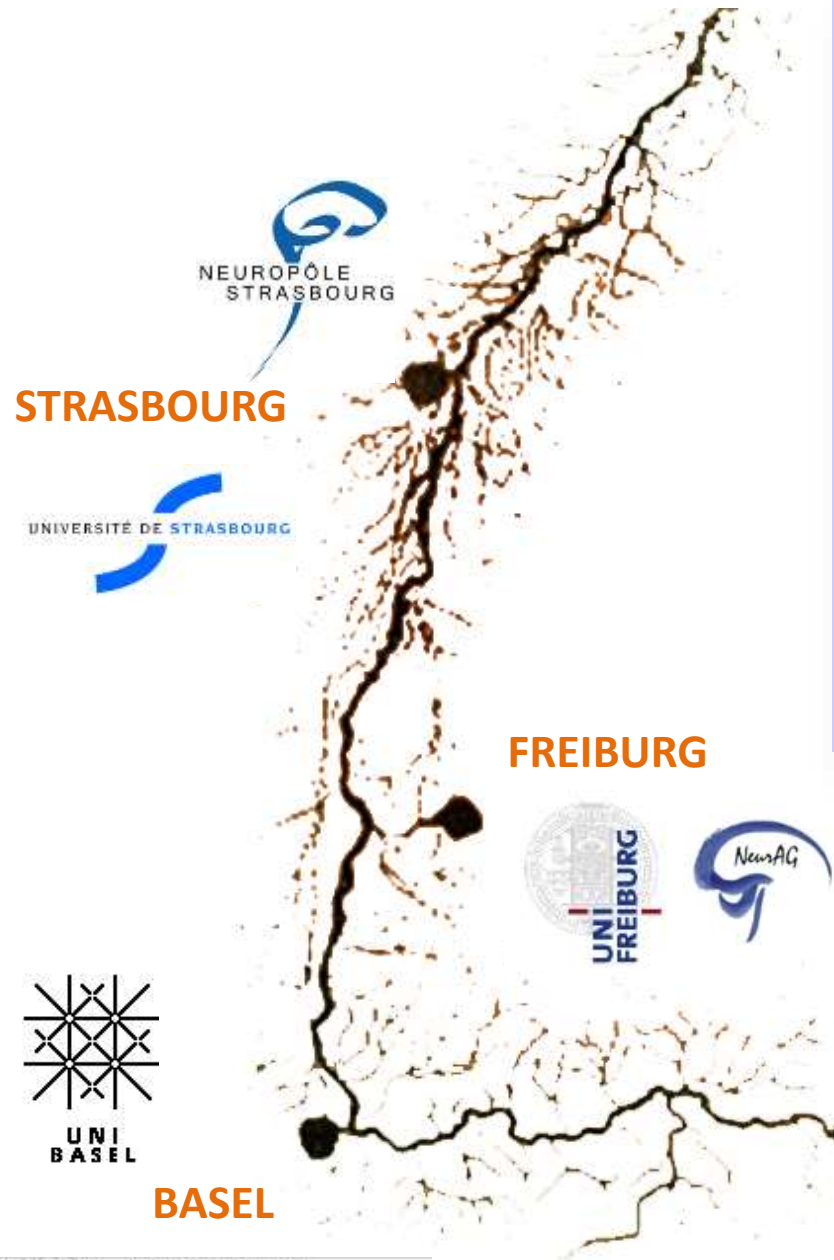
neurex
neuroscience · upper · rhine · network



INTERREG V

NeuroCampus Project
2015 - 2018





STRASBOURG



FREIBURG

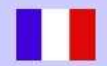


BASEL



*Ein Exzellenznetzwerk der
neuwissenschaftlichen Forschung*

3 Länder



3 Universitäten



3 Neuro-Programme

- Universitäre Grundlagenforschung
- Klinische Forschung
- Pharmazeutische Industrie



Europäische und Schweizer Finanzierung



**Networking Neuroscience
in the Upper Rhine Valley**

Neuroscience in Basel



Faculty of Science

(Neurogenesis & function of neural networks)



Faculty of Medicine



- Developmental neuroscience
- Neurobiology
- Clinical neuroimmunology
- Neuromuscular Research
- Tumor biology

LSTF
(Neurogenomics)

Pathology

Neurodegeneration

- Chronobiology
- Neurobiology
- Depression
- Psychosis



Institute of Psychology

Trans-Faculty
Platform



Faculty of Psychology

Neuroscience in Freiburg



Faculty of Biology

Inst. Biology I Developmental Biology
Animal Physiology
Neurobiology and Behavior

Inst. Biology III Neurobiology & Biophysics
Computational Neuroscience
Neurobiology and Neurotechnology
Optophysiology

**Bernstein Center
Freiburg**



**EC BrainLinks -
BrainTools**

Inst. of Informatics

**Inst. of Microsystems
Technology**

Faculty of Engineering

Faculty of Medicine

University Clinics

Neurology
Neurosurgery
Psychiatry
ENT
Eye Clinic

**Medical
Theoretical
Institutes**

Inst. Anatomy & Cell Biology
Inst. of Physiology
Inst. of Exp. & Clinical
Pharmacology and Toxicology

Inst. of Psychology

**Inst. of Sport and Sport
Science**

Faculty of Economic & Behavioral Sciences

Neuroscience in Strasbourg



CNRS

INCI – UPR 3212 CNRS (M.F. Bader)
Institute of Cellular and Integrative neuroscience

Neuronal networks / chronobiological rhythms /
Nociception & pain

LNCA – UMR 7364 CNRS UdS (J.C. Cassel)
Lab. of Cognitive & Adaptive Neurosciences

Memory & aging

**I CUBE: lab. of engineer sciences, computing &
imaging (J.P. Armspach)**

IGBMC. CNRS UMR 7104 - Inserm U 964
Translational Medicine & Neurogenetics

Medicine, neurogenetics & neurodevelopment

Biotechnology and cell signalling
(J.L. Galzi)

University

Inserm

UMR_S Inserm 1119 (A.G. Mensah-Nyagan)
**Biopathology of myelin, neuroprotection &
therapeutic strategies**

Neuropathies / myelin pathologies / Neuroprotection
in Alzheimer's disease

UMR_S Inserm 1118 (J.P. Loeffler)
Central & Peripheral mechanisms of neurodegeneration

Amyotrophic Lateral Sclerosis

UMR_S Inserm 1114 (A. Giersch)
**Cognitive Neuropsychology & Physiopathology of
Schizophrenia**

Autobiographical memory & schizophrenia

Microenvironmental Niche in Tumorigenesis and Targeted
Therapy (D. Bagnard)

Equipe Avenir
**Physiopathology & molecular epidemiology
of rare genetic syndroms (H. Dollfus)**

1987 Informal creation of Neurex (**Neurodrug Exchange Group**)
1990's-1999 Yearly meetings with individually raised sponsorships

October 1999 Official formation of Neurex – Creation of a Scientific Board



Funding History:

2001-2007	ELTEM		CHF 3.280.000
2002-2007	Interreg III	Project <i>neurex</i>	2.400.000 €
2008-2011	Interreg IV	Project <i>neurex +</i>	3.200.000 €
2012-2015	Interreg IV	Project <i>Trineuron</i>	3.250.000 €
2016-2018	Interreg V	Project <i>NeuroCampus</i>	3.200.000 €



Eucor Learning & Teaching Mobility Program ELTEM

2001-2007

CHF 3.280.000

Interreg III

2002-2007

2.600.000 €



- Workshops & Meetings
- Doctoral fellowships
- Postdoctoral fellowships
- Winter Schools
- Overall organization of the network (directory, etc)
- Public events (in co-organization with local entities)
- Communication with media
- Creation of a new logo
- Support to companies

neurex
neuroscience · upper · rhine · network



Projects *neurex + & Trineuron* : Federate Research in the Upper Rhine Valley

- Workshops & Meetings
- Doctoral fellowships
- Postdoctoral fellowships
- Winter Schools
- Controversy debates
- Support to publications
- Support to start-ups
- « Welcome-back » fellowships
- Meetings with industry
- Public events (in co-organization with local entities)
- Communication with media
- Creation of a Joint Master in Neuroscience
- Successful raising of an Erasmus Mundus Program « NeuroTime »

Meetings with industry

NEUREX VISIT

Visit of the CorTec Company

June 28th, 2012
 Location: Georges Köhler Allee 10
 D- 79110 Freiburg i.Br.

PROGRAM

Welcome Coffee
 Presentation of the company
 (from the concept
 to the business)
 Visit of the production/platform
 Lunch



CorTec

Contact: stephane.krupp@neuro-cms.unistra.fr
 More info and registration
www.neurex.org

Partenaire Coopération Commerciale (PCC), Programme Interreg IV Upper Rhine "Une vallée ouverte: perspectives de développement" financé par le Gouvernement de Strasbourg, CNRS, Institut de Neurochimie de Strasbourg, Région Alsace, Département de Haut-Rhin, Communauté Urbaine de Strasbourg, Université de Strasbourg, Université de Haute Alsace, Université de Bielefeld, Université de Bonn, Université de Cologne, Université de Düsseldorf, Université de Göttingen, Université de Heidelberg, Université de Jülich, Université de Karlsruhe, Université de Leipzig, Université de Marburg, Université de Münster, Université de Osnabrück, Université de Regensburg, Université de Tübingen, Université de Würzburg, Université de Zürich, Université de Bonn, Université de Cologne, Université de Düsseldorf, Université de Göttingen, Université de Heidelberg, Université de Jülich, Université de Karlsruhe, Université de Leipzig, Université de Marburg, Université de Münster, Université de Osnabrück, Université de Regensburg, Université de Tübingen, Université de Würzburg, Université de Zürich.

Assessing neurological and psychiatric disorders & their therapeutic answers

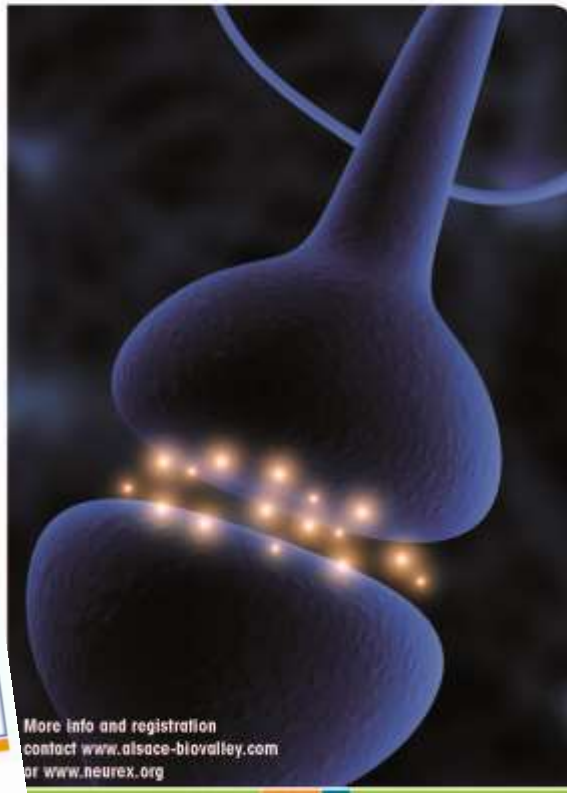
December 3rd, 2012

Location: Centre de neurochimie,
 5, rue Blaise Pascal,
 STRASBOURG

Meet & Match
 BIOVALLEY TRINATIONAL
 & NEUREX

PROGRAM

- 10.15 - 10.30 Welcome Coffee
- 10.30 - 10.45 Welcome Address
- 10.45 - 11.05
Dr. Serge Bickhoff,
 CEO BHEVIA SAS Mulhouse, France
**"BHEVIA: Biomimetics in CNS Drug
 Discovery & Development"**
- 11.05 - 11.25
Dr. Peter Seefling, neurobiologist and physicist,
 expert in applied neurophysiology, France
**"Empirical evolution of the role of neurotransmitters
 in the working brain"**
- 11.25 - 11.45
Dr. Stephanie Kleinmichel,
 CEO GenB Kitzingen, Germany
**"Using panel responding to uncover neurodegenerative
 diseases"**
- 11.45 - 12.05
Dr. Claudio Schaffa, Herle Institute for Virology
 and Infectious Diseases, University of
 Erlangen-Nuremberg, Erlangen, Germany
"A special biobank for neurological research"
- 12.05 - 12.30 Networking Lunch
- 12.30 - 13.50
Jean-Jacques Bevilacqua, Agence for European Research
 Projects, Nancy, France
**"Possibilities for collaborative and transnational
 R&D projects: FP, EUROSTARS and others..."**
- 13.50 - 14.10
Dr. Stephanie Wagner,
 Head of IBD NEURON SAS Nancy, France
**"NEURON: in vivo and in vitro modelled methods
 and disease models for drug screening"**
- 14.10 - 14.30
Prof. Guy Marchi-Hogon, Biotechnology of Metals
 Development and Therapeutic Strategies, UMR 53
 BSEEM 03125, University of Strasbourg, France
**"Multidisciplinary assessment of the potential
 of nano-steroids to eradicate chemotherapy-induced
 painful peripheral neuropathy"**
- 14.30 - 14.50 Networking Coffee/Lunch
- 14.50 - 15.10
Dr. Jean De Bary, H Drug SAS Strasbourg, France
**"HDrug: development of a diagnostic test
 to halt early stage for Alzheimer's disease"**
- 15.10 - 15.30
Prof. Anne Eckert,
 Fachklinik University Clinics, Basel, Switzerland
"Targeting mitochondria"
- 15.30 - 15.50
Prof. Dr. Hans Jürgen Vollmar,
 Head of Dept. Molecular Biology, Cell Biology
 and Medical Sciences, Leibniz University
**"Genome-wide siRNA screen for siRNA
 and drug target discovery in CNS diseases"**



More info and registration
 contact www.alsace-biovalley.com
 or www.neurex.org

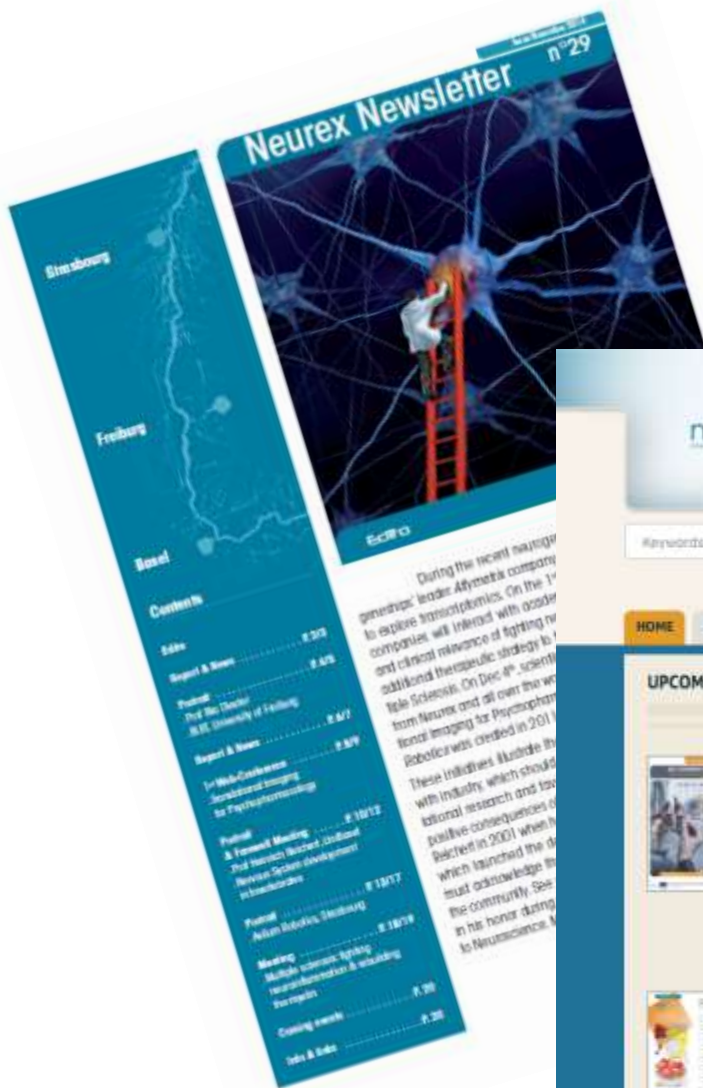
in: Program Interreg IV Upper Rhine "Transcending
 with every project", CNRS, INSERM, Université de
 Strasbourg, Région Alsace, Département de Haut-Rhin,
 Département de Bas-Rhin, Communauté Urbaine de Strasbourg,
 Université de Strasbourg, Université de Haute Alsace,
 Université de Bielefeld, Université de Bonn, Université de
 Cologne, Université de Düsseldorf, Université de Göttingen,
 Université de Heidelberg, Université de Jülich, Université de
 Karlsruhe, Université de Leipzig, Université de Marburg,
 Université de Münster, Université de Osnabrück, Université de
 Regensburg, Université de Tübingen, Université de Würzburg,
 Université de Zürich.



Newsletter

Website

www.neurex.org



The screenshot shows the homepage of the Neurex website. The header includes the Neurex logo, a search bar, and navigation links for 'HOME', 'ABOUT NEUREX', 'EVENTS', 'FUNDING RESEARCH', 'EDUCATION', 'JOB/INTERNSHIP MARKET', and 'FORMATIONS POUR PRATICIENS'. The main content area is divided into three columns. The left column is titled 'UPCOMING EVENTS AND NEWS' and lists three events: 'CONFERENCE ON COGNITIVE NEUROPSYCHIATRY: SELF DISORDERS IN SCHIZOPHRENIA', 'MEETING "CIRCADIAN CLOCKS AND METABOLIC HEALTH - FROM BASIC SCIENCE TO CLINICAL IMPLICATIONS"', and 'BAW, SEMAINE DU CERVEAU, WOCHE DES GEHIRNS'. The middle column is titled 'NEWSLETTER' and features a download link for the latest newsletter. The right column is titled 'CALENDAR' and shows a calendar for March 2016. The bottom right corner has an 'RSS' link.

2004-AA-40 ***** Login Create my account

neurex

Keywords

HOME ABOUT NEUREX EVENTS FUNDING RESEARCH EDUCATION JOB/INTERNSHIP MARKET FORMATIONS POUR PRATICIENS

UPCOMING EVENTS AND NEWS

CONFERENCE ON COGNITIVE NEUROPSYCHIATRY: SELF DISORDERS IN SCHIZOPHRENIA
PUBLICATION DATE: 2016/01/21
This 11th conference will take place in March 29-31, 2016 in Strasbourg.
[Read more...](#)

MEETING "CIRCADIAN CLOCKS AND METABOLIC HEALTH - FROM BASIC SCIENCE TO CLINICAL IMPLICATIONS"
PUBLICATION DATE: 2016/01/20
This meeting will take place in June 23rd-24th (noon), 2016 in Strasbourg.
[Read more...](#)

BAW, SEMAINE DU CERVEAU, WOCHE DES GEHIRNS
PUBLICATION DATE: 2016/01/18

NEWSLETTER

View all newsletters ...

Download the latest Newsletter 29

CALENDAR

View all events ...

Mar 2016

M	T	W	T	F	S	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

RSS

International PhD Program

NeuroTime

Applications for the 4th Edition (2015-2019)
are NOW CLOSED



[The program](#) [The consortium](#) [Scientific Projects](#) [Want to apply?](#) [The NeuroTimers](#) [News 'n Events](#) [Staff](#) [Contact](#)

A multicultural experience

During their PhD, students work in 2 or 3 cities of the consortium.

[READ MORE](#)



Visit
Centre de Neurochimie
3 rue Blaise Pascal
67084 Strasbourg Cedex
France



Call
T: +33 388 45 66 06
F: +33 388 61 29 08



Contact
ntadmin@unistra.fr
f w

Legal notice



Last update on: 13/1/2015 at 17:17:08

Erasmus Mundus Project number: 520124-1-2011-1-FR-ERA-Mundus-EPJD
IPA: 2012-0026

© 2014 by NeuroTime EPJD

- Financial support to start-ups
- Support to junior teams (« welcome back » project)
- Support to publications

Neurex Program of support to start-ups

The aim of Neurex is to support the start-up of new commercial projects from the foundation of the idea of a research project to the development of a start-up. The support is provided in the form of financial support, advice and training.

The support is provided in the form of financial support, advice and training. The support is provided in the form of financial support, advice and training.

Neurex support: up to 30,000 euros per concept/project



Neurex is a European Union initiative supported by the European Commission and the French Government. It is a joint effort between the French Government and the European Union.

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Neurex Support Program for Welcome/Coming back of researchers

Neurex offers a financial support of 20,000 euros to young researchers returning to academia after a period of absence.

The support is provided in the form of financial support, advice and training. The support is provided in the form of financial support, advice and training.

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Neurex Program of support to publications

Neurex supports the costs of the publication process for researchers returning to academia after a period of absence.

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Interreg V

2016-2018

3.200.000 €

Project *NeuroCampus*

Focus on Teaching & Training (from junior to senior students, including scientists and clinicians, public)

- Workshops & Meetings
- Controversy debates
- Meetings with industry
- Public events (in co-organization with local entities)
- Communication with media
- Workshops on clinical Trials
- Workshops about techniques
- Interdisciplinary workshops
- Lab tours
- Creation of a multimedia platform – multimedia teaching
- Training of Health Professionals



Training of health professionals (neurologists, psychiatrists, ...)

RÉSEAU DE NEUROFORMATION

LES HALLUCINATIONS

Formation à destination des professionnels de santé, notamment neurologues et psychiatres.

24 | 03 | 2014

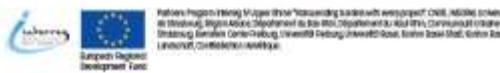
Hôtel Mercure
Palais des Congrès
Strasbourg

PROGRAMME

- 08.30-09.45 **Coffé d'entrée**
- 09.00-09.45 **Épidémiologie, prévalence et processus pathogéniques des hallucinations**
Frédéric Lemaire, Unité de psychopathologie cognitive, Université de Liège, Belgique
- 09.45-10.30 **L'électrophysiologie post-ictale stratège de la séizure de l'axe T**
Alexis Deschêche, Unité de Neurosciences, Information & Comportés (NIC), CNRS UPR 3293, CEA-INSERM, France
- 10.30-11.00 **Pause café**
- 11.00-11.45 **Imagerie de capture hallucinatoire: implications pathophysiologiques et thérapeutiques**
Benoist JAVIER, Centre Universitaire de Recherche et d'Expérimentation (CUR), Pôle de Psychiatrie, Hôpital Foch, CEA de UMR, France
- 11.45-12.30 **Spécificités électrophysiologique et substrats**
Claude Bessac, Département de Psychiatrie, Université du Québec, Montréal, Canada
- 12.30-13.00 **Pause lunch**
- 13.20-14.00 **De la schizophrénie à l'existence de rock ?**
Vincent Desmettre, Vice-président de l'Association REV (Réseau français d'entraide de rock), Paris, France
- 14.00-14.45 **Thérapies cognitivo-comportementales et cognitives des hallucinations**
Jérémy Ravaud, Département de psychiatrie, Université de Louvain, Suisse
- 14.45-15.30 **Le TMS : une alternative thérapeutique ?**
Joël Paulot, Directeur scientifique, Institut de Santé, Orléans, Strasbourg, France
- 15.30-16.00 **Pause café**
- 16.00-16.45 **Intérêt de la FBCB (fonctionnel circuit alternatif) pour traiter et comprendre les hallucinations**
Jérémy Ravaud, UMR 15 Neurosciences Cognitives et Émotionnelles, Université Claude Bernard Lyon 1, France
- 16.45-17.30 **Mécanismes de l'axe T, un modèle génétique pour le développement des hallucinations**
Martin Dabestri, Faculté de psychologie et des sciences de l'éducation, Université de Genève, Suisse
- 17.30-18.15 **Sécheresses psychosomatiques à traverser dans le traitement de l'attention dans le système auditif**
Peter Beyette, en FCBHAR, Roubaix, France
- 18.15-18.30 **Séance de clôture**



Organisateur: Patrick Piguet
inscriptions: www.wplpfr.org
Médiateur: mednetfrance.org



(pilot event)

RÉSEAU DE NEUROFORMATION

RHYTHMES ET PSYCHIATRIE

ET PSY TOUT N'ÉTAIT QU'AFFAIRE DE RHYTHMES ?

FORMATION
INÉDITE

13 | 11 | 2014

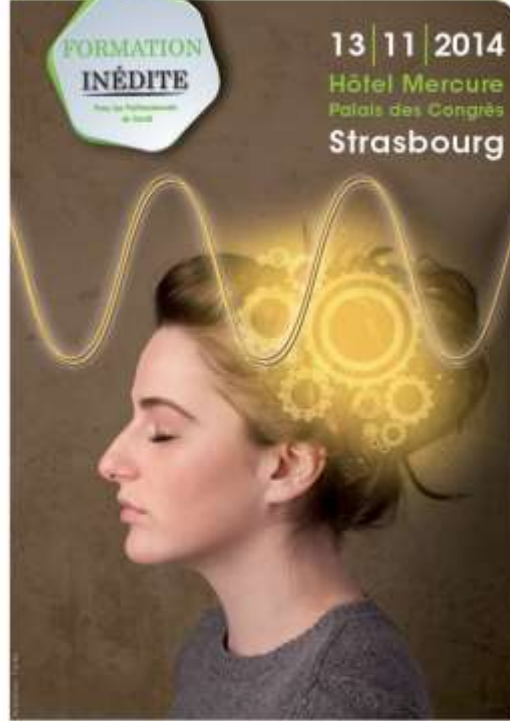
Hôtel Mercure
Palais des Congrès
Strasbourg

Formation DPC

Organisateur: Paul Ponce, Patrick Piguet et Stéphane Kiehl

PROGRAMME

- 09.00-09.10 **Introduction**
- 09.15-09.55 **Les rythmes ou cœur de la vie**
Paul Ponce, Strasbourg
- 09.55-10.25 **Étudier les rythmes chez l'homme: un challenge technique et clinique**
Robert Rothen, Gießen
- 10.30-11.00 **Pause café**
- 11.00-11.40 **Troubles des rythmes circadiens et dépression: cause ou conséquence ?**
Carsten Schredde, Strasbourg
- 11.40-12.20 **La DSM-5 à l'épreuve des rythmes**
Ivan Smer, Stuttgart
- 12.20-14.00 **Pause lunch**
- 14.00-14.40 **Troubles anxieux: habituels à rythmes de vie**
Patrick Martin, Paris
- 14.40-15.20 **Schizophrénie et rythmes circadiens**
Pierre Vidotto, Strasbourg
- 15.20-15.40 **Pause café**
- 15.40-16.20 **Débiais et Dépression: une association dans l'ère + du temps ?**
Stéphane Kiehl, Strasbourg
- 16.20-17.00 **Les thérapies fondées sur les rythmes dans les troubles psychiatriques**
Claude Ghaem, Lyon
- 17.00-17.30 **Synthèse et échanges/débat**



SUBJECTS DE LA FORMATION :

Historiquement connus pour leur implication dans l'attention veille-sommeil, les rythmes circadiens se révèlent de plus en plus des acteurs-clés des grandes fonctions physiologiques humaines. Ainsi, des **dérèglements** dans les rythmes jouent un rôle important dans la pathologie des **troubles psychiatriques**, des maladies cardiovasculaires, du **diabète** ou du cancer et altèrent le fonctionnement des axes métaboliques. Cette formation fera un bilan des rythmes circadiens chez l'homme, s'intéressera aux liens entre leur dérégulation et les mécanismes sous-jacents à certains troubles psychiatriques tels que **la dépression**, **l'anxiété** et **l'obésité**, et s'ouvrira à la possibilité d'une **méthode thérapeutique basée sur les rythmes**. Elle soulignera l'importance d'une approche plus intégrative du bilan symptomatique des patients.

Inscriptions et info :
www.reseau-neuro-formation.org

En contact: Stéphanie Kiehl
stephanie.kiehl@univ-strasbourg.fr
06 80 90 40 88 du 06 au 06 21 06 44 88



Organisateur: Patrick Piguet, Stéphane Kiehl, Paul Ponce
inscriptions: www.wplpfr.org
Médiateur: mednetfrance.org



Réseau de NeuroFormation

Improve Interactions between Neuroscience Study Programs in the Region

Joint Master in Neuroscience
BASEL STADTUNIVERSITÄT FREIBURG

What is the Joint Master in Neurosciences?

University of Basel (Switzerland), together with its partners from the Universities of Basel (Germany) and Freiburg/Breisgau (Germany), offers an international degree in neuroscience for engineering students who wish to obtain a degree in this field.

The teaching program is regularly updated and takes into account the expertise of the three partners in their respective research domains, such as cellular and integrative neuroscience, neurogenetics or computational neuroscience.

The excellent students will receive a two-year training that includes high level academic courses and extensive laboratory practice. The professional of this Joint Master in Basel involves within a 6-month network of more than 1000 neuroscientists working in both public and private institutions providing an excellent basis for learning in fundamental and applied neuroscience.

The Joint Master in Neuroscience is supported by:

Apply (SSRS)
The official application is a collaboration between the University of Basel, Freiburg/Breisgau, and the University of Basel (Germany).

General information
Information about the program is available at: www.jointmaster.ch

Useful links
Information about the program is available at: www.jointmaster.ch

Scientific Meetings and activities
Information about the program is available at: www.jointmaster.ch

AWARDS
Information about the program is available at: www.jointmaster.ch

UNI FREIBURG

Master of Science in Neuroscience
Alten-Ludwig-Universität Freiburg

BRAINS WANTED

MASTER OF SCIENCE IN NEUROSCIENCE

UNRAVELING THE SECRETS OF THE BRAIN



NEUROSCIENCE PhD OPPORTUNITIES
in Basel, Switzerland.

TOPICS

- Neuronal circuits and behaviour
- Mechanisms of neuronal development
- Plasticity and learning
- Mechanisms of brain disease

INSTITUTES

- Biozentrum, University of Basel
- Department of Biomedicine, University of Basel
- Friedrich Miescher Institute for Biomedical Research

neuro@unibas.ch | www.neuronetwork.unibas.ch

BrainDisC
supported networks



Thank you for your attention!

