Registration Form

To be returned to the Fondation IPSEN with the registration fee
À retourner avec les droits d'inscription à la Fondation IPSEN

Stem Cells in Neuroendocrinology

Paris - December 7, 2015

Family name */ Nom* .....

First name */ Prénom* .....

Speciality */ Spécialité* .....

Department or Unit */ Service ou Laboratoire* .....

.....

.....

Affiliation */ Affiliation (Hôpital, Inserm, CNRS, etc)* .....

.....

.....

Street and N° */ N° et Rue* .....

Area code */ Code postal* .....

City */ Ville* .....

Country */ Pays* .....

Telephone */ Téléphone* .....

E-mail .....

.....

■ Registration Fee */ Frais d'inscription*

100 € before November 1, 2015
130 € after November 1, 2015

Including lunch, coffee-breaks, congress bag, proceedings.
Comprenant déjeuner, pauses-café, kit congrès, compte-rendu.

Free for students but :
- Registration is compulsory and should be completed on October 15th at the latest. Registration will be confirmed according to avaibility on November 1st.
- Due to space restrictions, lunch for students is sujected to avaibility.

☐ Student */ Étudiant*

■ Payment */ Mode de règlement*

- Cheque should be made out to 'Fondation IPSEN/ Fondation de France'
- For foreigners, payment on site will be accepted (cash only, no credit card please).

Date.....

Signature :

FONDATION IPSEN

65, quai Georges Gorse - 92650 Boulogne-Billancourt cedex - France
Tél. : +33 (0)1 58 33 50 00 – Fax : +33 (0)1 58 33 50 01
www.fondation-ipsen.org

Colloques Médecine et Recherche

ENDOCRINOLOGY

2002 ▮ Brain somatic cross-talk and the central control of metabolism
2002 ▮ Endocrine aspects of successful aging: Of genes, hormones and lifestyles
2003 ▮ Hormones and the brain
2004 ▮ Deciphering growth
2005 ▮ Insights into receptor function and new drug development targets
2006 ▮ Hormonal control of cell cycle
2007 ▮ Hormones and social behavior
2008 ▮ IGFs: Local repair and survival factors throughout life-span
2009 ▮ Novel insights in adipose cell functions
2010 ▮ Multi-system endocrine disruption
2011 ▮ Multiple origins of sex differences in brain. Neuroendocrine functions and their pathologies
2012 ▮ Hormones, intrauterine health and programming
2013 ▮ Brain crosstalk in puberty and adolescence
2014 ▮ A time for metabolism and hormones
2015 ▮ Stem cells in neuroendocrinology

NEUROSCIENCES

1990 ▮ Glutamate, cell death and memory
1991 ▮ Gene transfer and therapy in the nervous system
1992 ▮ Motor and cognitive functions of the prefrontal cortex
1993 ▮ Temporal coding
1994 ▮ Neurobiology of decision-making
1995 ▮ Isolation, characterization and utilization of CNS stem cells
1996 ▮ Normal and abnormal development of the cortex
1997 ▮ Neuroplasticity: Building a bridge from the laboratory to the clinic
1998 ▮ Neuroimmune interactions and neuropsychiatric diseases
2000 ▮ Neuronal death: By accident or by design
2001 ▮ Neurosciences at the post-genomic era
2003 ▮ Stem cells in the nervous system: Function and clinical implications
2005 ▮ Neurobiology of human values
2006 ▮ Memories: Molecules and circuits
2007 ▮ Retrotransposition, diversity & the brain
2008 ▮ Neurobiology of «Umwelt»: How living beings perceive the world
2009 ▮ Macro-roles for micrornas in the life and death of neurons
2010 ▮ Characterizing consciousness: From cognition to the clinic?
2011 ▮ Epigenetics, brain and behavior
2012 ▮ Programmed cells : From basic neuroscience to therapy
2013 ▮ New frontiers in social neuroscience
2014 ▮ Micro-, meso- and macro-connectomics of the brain
2015 ▮ Micro-, meso- and macro-dynamics of the brain

VASCULAR SYSTEM

2004 ▮ Origins and regenation of the vascular tree
2005 ▮ Life and death of the vascular tree
2006 ▮ The vascular tree aflame!
2007 ▮ Angiogenesis and neurogenesis
2008 ▮ Oxygen sensing in the vascular tree

CANCER SCIENCE

2005 ▮ Can cancer be treated as a chronic disease?
2006 ▮ Are inflammation and cancer linked?
2007 ▮ Metastasis and invasion
2008 ▮ Metabolism and cancer
2009 ▮ Molecular targets of cancer therapy
2010 ▮ Stem cells and cancer
2011 ▮ Epigenetics and cancer
2012 ▮ Mouse models of human cancer: Are they relevant?
2013 ▮ Cancer immunotherapy
2014 ▮ Cancer genomics
2015 ▮ Tumor heterogeneity and microenvironment

ALZHEIMER'S DISEASE

1987 ▮ Immunological aspects of Alzheimer's disease and brain amyloidosis
1988 ▮ Genetics and Alzheimer's disease
1988 ▮ Neuronal grafting and Alzheimer's disease: Future perspectives
1989 ▮ Biological markers of Alzheimer's disease
1989 ▮ Imaging, cerebral topography and Alzheimer's disease
1990 ▮ Growth factors and Alzheimer's disease
1991 ▮ Neurophilosophy and Alzheimer's disease
1992 ▮ Heterogeneity of Alzheimer's disease
1993 ▮ The ß-amyloid protein precursors in development, aging and Alzheimer's disease
1994 ▮ Alzheimer's disease: Lessons from cell biology
1995 ▮ Apolipoprotein E and Alzheimer's disease
1996 ▮ Connections, cognition and Alzheimer's disease
1997 ▮ Presenilins and Alzheimer's disease
1998 ▮ Epidemiology of Alzheimer's disease: From gene to prevention
1999 ▮ Fatal attractions within neurons: Intracytoplasmic protein aggregates in Alzheimer's disease and reated neurodegenerative disorders
2000 ▮ Neurodegenerative diseases: Loss of function through gain of function
2001 ▮ Notch from neurodevelopment to neurodegeneration: keeping the fate
2002 ▮ Immunization against Alzheimer's and other neurodegenerative diseases
2003 ▮ The living brain and Alzheimer's disease
2004 ▮ Genotype – proteotype – phenotype correlations in dementia
2006 ▮ Alzheimer:100 years and beyond *(n partnership with Tübingen University)*
2007 ▮ Synaptic plasticity and the mechanism of Alzheimer's disease
2008 ▮ Intracellular traffic and neurodegenerative disorders
2009 ▮ Diabetes, insulin and Alzheimer's disease
2010 ▮ Two faces of evil: Cancer and neurodegeneration
2011 ▮ Protein quality control in neurodegenerative diseases
2012 ▮ Proteopathic seeds and neurodegenerative diseases

LONGEVITY

1996 ▮ Longevity: To the limits and beyond
1998 ▮ The paradoxes of longevity
1999 ▮ Sex and longevity: sexuality, gender, reproduction, parenthood
2001 ▮ Brain and longevity
2004 ▮ Frailty and longevity

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COLLOQUES MÉDECINE ET RECHERCHE

endocrinology

Stem Cells in Neuroendocrinology

Les cellules souches en neuroendocrinologie

Paris - December 7, 2015

FONDATION IPSEN

Stem Cells in Neuroendocrinology

Paris - December 7, 2015

Stem cell technologies, whether starting from embryonic stem cells or induced pluripotent stem cells, offer new methods for studying the development of all tissues in the body, most exquisitely the brain. Neuroendocrine cell investigations have always benefited from the convergence of the chemistries for studying hormones with traditional neuroscientific approaches. Now, neuroendocrinology will subsume and benefit from stem cell work, as well.

This meeting will begin with an elementary introduction covering stem cell methodologies used to produce specific types of neurons, possibilities for their therapeutic use, and warnings of technical problems. Then, some speakers will report successes in achieving the derivation of a specific type of neuron. The dopamine neuron offers an important example. Other talks will cover problems obviously approachable with cells derived from stem cells, including their need in surgeries for pituitary cancers. The last talk will comprise an overview of this field and a vision of where the field is going, by the laboratory of Robin Lovell-Badge.

Les technologies utilisant les cellules souches, qu'il s'agisse de cellules souches embryonnaires ou de cellules souches pluripotentes induites, offrent de nouvelles méthodes permettant d'étudier le développement de tous les tissus du corps, et plus précisément du cerveau. L'étude des cellules neuroendocrines a toujours bénéficié de l'apport des chimistes pour étudier les hormones par des méthodes neuroscientifiques traditionnelles. Aujourd'hui, le secteur de la neuroendocrinologie peut à son tour intégrer le travail sur les cellules souches, et en bénéficier.

Cette réunion débutera par une introduction élémentaire sur les méthodologies utilisées pour produire des types spécifiques de neurones à partir des cellules souches, les possibilités d'utilisation thérapeutique de ceux-ci et les mises en garde relatives aux problèmes techniques. Certains intervenants décriront ensuite leurs succès en matière de dérivation d'un type spécifique de neurone. Le neurone dopaminergique en est un exemple important. Les autres interventions traiteront des pathologies qui peuvent manifestement bénéficier des cellules dérivées de cellules souches, notamment de l'utilité de celles-ci dans les cancers de la glande pituitaire. La dernière intervention sera une présentation de ce domaine de recherche et une vision de son avenir par le laboratoire de Robin Lovell-Badge.

Fondation IPSEN
sous l'égide de la Fondation de France

Program

Scientific Committee:
Donald Pfaff *(The Rockefeller University, New York, USA)*
Yves Christen *(Fondation IPSEN, Paris, France)*

Registration: Centre de Conferences et de Réceptions Etoile St-Honoré
21-25 rue Balzac - 75008 Paris, France

8:30 am — **Yves Christen**: Welcome and introduction

8:45 am — **Donald Pfaff** *(The Rockefeller University, New York, USA)*
A brief overview of techniques for modulating neuroendocrine and other neural systems

9:15 am — **Inna Tabansky** *(The Rockefeller University, New York, USA)*
Basics of stem cell biology applied to the brain: Vision of therapeutic opportunities and their shortcomings

9:45 am — **Lorenz Studer** *(Memorial Sloan-Kettering Cancer Center, New York, USA)*
Generating neural and pituitary lineages in a dish from human pluripotent stem cells

10:15 am — Posters and coffee break

11:00 am — **Hidetaka Suga** *(Nagoya University Hospital, Nagoya, Japan)*
Recapitulating hypothalamus and pituitary development using ES/iPS cells

11:30 am — **Seth Blackshaw** *(Johns Hopkins University School of Medicine, Baltimore, USA)*
Regulation and function of postnatal hypothalamic neurogenesis

12:00 pm — **Alon Chen** *(Max Planck Institute, Munich, Germany)*
Genetic dissection of the neuroendocrine and behavioral responses to stressful challenges

12:30 pm — Lunch and posters

2:00 pm — **Viviane Tabar** *(Memorial Sloan-Kettering Cancer Center, New York, USA)*
Repairing the pituitary gland with human stem cells

2:30 pm — **Hugo Vankelekom** *(University of Leuven, Leuven, Belgium)*
Pituitary stem cells

3:00 pm — **Cynthia Andoniadou** *(King's College London, London, UK)*
Regulation of the pituitary stem cell compartment

3:30 pm — Posters and coffee break

4:00 pm — **Jacques Drouin** *(Institut de Recherches Cliniques de Montréal, Montréal, Canada)*
Epigenetic mechanisms of pituitary cell fate specification

4:30 pm — **Patricia Zunszain** *(Institute of Psychiatry, London, UK)*
Understanding depression: learning from stem cells

5:00 pm — **Robin Lovell-Badge / Karine Rizzoti** *(MRC National Institute for Medical Research, London, UK)*
Perspectives on stem cells in developmental biology, with special reference to neuroendocrine systems

5:30 pm — Conclusion

Information

Organization / *Organisation*

Fondation IPSEN
Astrid de Gérard
65, quai Georges Gorse
92650 Boulogne-Billancourt Cedex
France
Tél. : +33 (0)1 58 33 50 00
astrid.de.gerard@ipsen.com

Venue / *Lieu*

Centre de Conférences
et de Réceptions Etoile St-Honoré
21-25 rue Balzac
75008 Paris
France

Parking public Etoile Friedland à 150 mètres
Métro : Charles de Gaulle Etoile (lignes 1, 2 et 6) et RER A

Official language / *Langue officielle*

English / *Anglais*

Posters / *Communications affichées*

Abstracts for posters should be submitted before November 1, 2015
dominique.couzy@ipsen.com

Les abstracts des posters doivent être soumis d'ici le 1er Novembre 2015 à dominique.couzy@ipsen.com

Lunch / *Déjeuner*

Served on site / *Servi sur place*

Accommodation / *Hôtel*

You will receive, along with your registration receipt, a list of hotels located close to the venue of the meeting.

Vous recevrez, avec votre accusé d'inscription, une liste d'hôtels proches du lieu de la réunion.

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