The Brain Prize Meeting 2012

In collaboration with The Danish Neuroscience Schools and Danish Society for Neuroscience

WHEN
Monday 29 October 2012 until Tuesday 30 October 2012

WHERE
Hindsgavl Castle, Middelfart, Denmark

TITLE
Genetics of the Senses

SPEAKERS
Christine Petit, the Pasteur Institute and College de France, Paris, France
Karen Steel, the Wellcome Trust Sanger Institute, Cambridge, England
Lisbeth Tranebjærg, Bispebjerg Hospital and Rigshospitalet, University of Copenhagen, Copenhagen, Denmark

Keynote speakers
Massimo Zeviani, Milan, Italy
Hannie Kremer, Nijmegen, Holland
José-Alain Sahel, Paris, France
Thomas B. Friedman, Rockville, Maryland, USA

CERTIFICATION
The meeting is certified by the University of Copenhagen, Aarhus University and the University of Southern Denmark as an external Ph.D. course worth 1 (one) ECTS point

SPONSOR
Grete Lundbeck European Brain Research Foundation is the sole sponsor of this meeting

AUDIENCE AND LANGUAGE
This meeting is open to participants from Denmark and abroad. The language is English

The meeting is open to junior and senior scientists in the field of basic as well as clinical brain research. The number of participants is limited to 120.

ABSTRACTS
Two prizes each of 1.000 € will be awarded for the best oral presentation and for the best poster presentation.

Participants are encouraged to submit an abstract. Abstracts dealing with topics outside of the main theme of the meeting are also welcome. Submitted abstracts will be selected for oral presentation or poster presentation.

Submit abstracts in pdf format max 350 words to info@thebrainprize.org att. Janne Axelsen. Deadline: 15 September 2012.

Indicate preference for oral or poster presentation; also indicate preference for masterclass in covering e-mail message.

REGISTRATION
Online (Online markers med hyperlink: http://www.thebrainprize.org/flx/outreach/the_brain_prize_meeting_registration/) on a first come first serve basis - *deadline* 1 October 2012

ATTENDANCE FEE
DKK 1000, - including all meals and lodging
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**Programme**

**Monday 29.10.12**

Day 1 - is dedicated to lectures by prize winners, and select speakers addressing the main topic of the meeting. The scientific programme will finish with an open discussion inviting questions from the audience.

9.00 - 10.00  Arrival at Hindsgavl Castle

**Session 1 – chaired by Lisbeth Tranebjærg**

10.00 - 10.05  Opening remarks by Nils Axelsen

10.05 - 10.50  Lecture by Christine Petit: From deafness genes to sound processing in the cochlea.

10.50 - 11.10  Coffee break

11.10 - 11.55  Lecture by Karen Steel: Genetics as a tool for understanding the pathogenesis underlying deafness

11.55 - 12.40  Keynote lecture by Thomas B. Friedman: Discovering novel deafness genes through exome sequencing

12.45 - 13.30  Lunch

**Session 2 – chaired by Hannie Kremer**

13.30 - 14.00  Presentation by Lisbeth Tranebjærg: Genetics of dual sensory impairment.

14.00 - 14.45  Keynote lecture by Hannie Kremer: Strategies for characterizing genetics of hearing and visual impairment in European outbreed populations

14.45 - 15.15  Coffee break

15.15 - 16.00  Keynote lecture by Massimo Zeviani: New genes and pathomechanisms in mitochondrial disorders.

16.00 - 16.15  Short break

**Session 3 – Chaired by Eirikur Benedikz**

16.15 - 17.00  Special lecture by José-Alain Sahel: Innovative therapies for inherited retinal defects

17.00 - 17.30  Panel discussion with participation from the audience

18.15 - 19.00  Refreshments

19.00  Formal dinner
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Tuesday 30.10.12
Day 2 is dedicated to interaction between prize winners and Danish junior scientists comprising students, young scientists and Ph.D. students. Participants are invited to submit abstracts. Selected abstracts will be presented in poster format and/or as oral presentation.

Prize winners will host two master classes. Students, post docs and young scientists will indicate their preference at time of registration, based on keywords provided by the prize winners, and may suggest questions for discussion.

Session 1 – chaired by Morten Meyer
8.30 - 9.45 Oral presentations – basic science
9.45 - 10.45 Poster session 1 – basic science
10.45 - 11.15 Coffee break

Session 2 – chaired by Therese Ovesen
11.15 - 12.30 Oral presentations – clinical science
12.30 - 13.15 Lunch
13.15 - 14.15 Poster session 2 – clinical science
14.15 - 14.45 Break

Session 3 – organized by Janne Axelsen and Kim Krogsgaard
14.45 - 16.00 Two parallel master classes – one by each prize winner. Please refer to keywords for each master class (last part of this document)
16.00 - 16.15 Break
16.15 - 16.30 Closing remarks by the Chairman of the Scientific Committee
16.30 Departure from Hindsgavl Castle

Background
Once annually Grete Lundbeck European Brain Research Foundation awards The Brain Prize - a €1 mio. personal prize. The prize is awarded as an important part of the aim of the Foundation: ‘to boost interest in brain research and its results, to stimulate and reward outstanding brain research and to stimulate Danish research through an expanded interplay with other European brain research, and thus to improve the scientific basis for progress in the prevention, diagnostics and treatment of diseases and disorders of the brain and nervous system’.

Prize winners are expected to contribute to the advancement and internationalisation of Danish brain research through interaction with Danish researchers and research environments. The 2012 Prize is awarded to Professors Christine Petit, the Pasteur Institute and College de France, Paris, France and Karen Steel, the Wellcome Trust Sanger Institute, Cambridge, England who will participate in the meeting.

Grete Lundbeck European Brain Research Foundation collaborates with the neuroscience schools at the universities of Copenhagen, Southern Denmark, Aarhus, and Danish Society for
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Neuroscience in organizing this meeting. The meeting is part of the implementation of the planned outreach activities of the Foundation.

The Brain Prize Meeting 2012

This annual meeting is open to participants from Denmark and abroad including students, Ph.D. students, post docs and senior researchers. The meeting is a certified external Ph.D. course with a value of 1 (one) ECTS points.

The overall theme (title of) for the meeting specified by the Scientific Committee in collaboration with the prize winners is: Genetics of the Senses. The prize winners will give lectures and invited speakers will help address the overall theme.

Abstracts are invited from junior scientists comprising students, Ph.D. students and post docs working within neuroscience at Danish institutions. Selected abstracts will be presented in poster format and/or as oral presentation at sessions held on day 2.

Organizers

Grete Lundbeck European Brain Research Foundation in collaboration with University of Copenhagen, University of Southern Denmark, Aarhus University and Danish Society for Neuroscience

Scientific Committee

Professor Lisbeth Tranebjaerg, University of Copenhagen, Associate Professor Morten Meyer, University of Southern Denmark, Associate Professor Eirikur Benedikz, University of Southern Denmark and Professor Therese Ovesen, Aarhus University.

Master Classes

Christine Petit: From deafness genes to cochlear therapy: the road ahead.

Key words:

- Hearing aids and cochlear implants
- Cochlear gene therapy
- Pharmacological agents
- Cochlear cell therapy
- Clinical trials

Karen Steel: The mouse as a model for gene discovery and understanding molecular pathophysiology in deafness.

Key words:

- mouse mutants
- cochlear pathology
- structure/function correlation
- models for human deafness
- progressive hearing loss

For further information, please contact Janne Axelsen: info@thebrainprize.org