

# XXVIII Sandbjerg Symposium, Danish Society for Neuroscience

## Neuroinflammation in Health and Disease

May 4 – 6, 2014

Sandbjerg Estate



### **Symposium organizers**

Marina Romero-Ramos, Department of Biomedicine, Aarhus University  
Bente Finsen, Department of Cellular Biology, University of Southern Denmark  
Jan Torleif Pedersen, H. Lundbeck A/S, Copenhagen  
Finn Sellebjerg, Department of Neurology, University Hospital of Copenhagen

### **Place**

Sandbjerg Estate, Sandbjergvej 102, 6400 Sønderborg, Denmark, Phone: +45 73465200

### **Registration, abstract and payment**

Only 72 participants can be accommodated at Sandbjerg Estate, and the principle “first come - first served” will be applied. Send an abstract together with your registration form.

The registration includes accommodation at the Estate (two nights from May 4-6, 2014), breakfast, lunch, coffee, dinner, symposium dinner on the 5th of May, and symposium material.

**Ph.d. students:** The fee for Ph.d students with an accepted abstract and a DSFN membership is 1000 d.kr. (min. 10 registration fees at a reduced rate)

**Deadline for early registration is March 20th 2014.**

## **Program**

### **Sunday 4 May**

- 15:00 Arrival and registration
- 16.00-16.15 Welcome
- 16.15-17.00 BRAIN PRIZE AWARDEE  
Edward Boyden, Massachusetts Institute of Technology, Cambridge,  
Massachusetts, USA  
*The potentials of optogenetics in studies of neuron-glia interaction*
- 17.00-17.45 David Brooks, Aarhus University, Denmark  
*Imaging neuroninflammation in humans*
- 17.45-18.00 Discussion
- 18.00-19.00 Dinner

### **Monday 5 May**

#### ***Microglia: interactions with other cells. Chairman: Marina Romero-Ramos***

- 8:30 - 9:00 Helmut Kettenmann, Max Delbrück Center for Molecular Medicine,  
Berlin, Germany  
*Microglia cells in health and disease*
- 9:00 - 9:30 Diego Gomez-Nicola, University of Southampton, UK  
*Regulation of microglia proliferation in chronic neurodegeneration*
- 9:30 - 10:00 2 data-blitz presentations of selected abstracts
- 10:00 - 11:00 Poster session+ Coffee
- 11:00 – 11:30 Vanesa Sanchez-Guajardo, Aarhus University, Denmark  
*Neuroimmunological process in Parkinson's disease*
- 11:30 - 12:00 Thomas Vorup-Jensen, Aarhus University, Denmark  
*Complement receptor 3 as a target for glatiramer acetate treatment"*
- 12:00 - 13:00 Lunch

#### ***Microglial development and disease involvement Chairman: Bente Finsen***

- 13:00 - 13:30 Marco Prinz, University of Freiburg, Germany  
*Linking microglial ontogenesis and function*
- 13:30 – 14:00 Jake Streit, University of Florida, Gainesville, USA  
*Microglial senescence in normal and pathological aging*
- 14:00 - 14:30 Bente Finsen, University of Southern Denmark, Odense  
*Microglial responses to AD-like pathology and AD*
- 14:30 – 14:50 Coffee
- 14:50 - 15:20 Kate Lambertsen, University of Southern Denmark, Odense  
*Microglial-macrophage TNF and neuroinflammation*
- 15:20 - 15:50 Allan Randrup Thomsen, University of Copenhagen, Denmark  
*Cytokine and chemokine networks in CNS viral disease*
- 15:50 – 16.05 Break

***Immuno-therapies for brain diseases***  
***Chairman: Jan Torleif Pedersen***

- 16:05 - 16:45 Einar Sigurdsson, New York University, N.Y., USA  
*Tau immunotherapy*
- 16:45 - 17:30 Anne Joutel, INSERM, Paris, France  
*Cadasil and neurovascular disease*
- 17:30 - 18:05 Pekka Kallunki, H. Lundbeck A/S, Copenhagen, Denmark  
*Alphasynuclein antibody based therapy*
- 18:05 – 18:30 Break
- 18:30- Symposium Dinner

**Tuesday 6 May**

***Autoimmunity in neurological diseases***  
***Chairman: Finn Sellebjerg***

- 8:30 - 9:00 Ari Waisman, Johannes Gutenberg-Universität, Mainz, Germany:  
*Animal models of multiple sclerosis*
- 9:00 - 9:30: Trevor Owens, University of Southern Denmark, Odense  
*Animal models of neuromyelitis optica*
- 9:30 - 10:00: Shohreh Issazadeh-Navikas, University of Copenhagen, Denmark  
*Type 1 interferons in animal models of multiple sclerosis*
- 10:00 - 10.30 Data-blitz presentations of selected abstracts
- 10:30 – 11:00 Coffee
- 11:00 - 11:30 Finn Sellebjerg, Rigshospitalet, University of Copenhagen,  
Denmark  
*Immunomodulation and immune activation and immunomodulation  
relapsing-remitting-multiple sclerosis*
- 11:30 - 12:00 Jeppe Romme Christensen, Rigshospitalet, University of Copenhagen,  
Denmark  
*Systemic and intrathecal immune activation in progressive multiple  
sclerosis*
- 12.00 Closure of meeting
- 12:00 – 13:00 Lunch
- 13:00 Departure

