



DAREMUS

Dansk Selskab for Forskning i Multipel Sklerose

National MS Research meeting 2018

Scientific symposium march 2018 10.00-17.30

Scandic Hotel, Vester Søgade 6, 1601 København

Dear colleagues

Please find the final programme presenting the newest results of Danish MS research below.

Programme

- 09.30-10.00** **Registration and coffee**
- 10.00-10.10** **Welcome by Annette Bang Oturai** (chairman of DAREMUS). Lokale: **Grandball**
- 10.10-11.00** **DAREMUS-lecture (Alan Thompson: Progress in Progressive MS)**
Chair: Finn Sellebjerg
- 11.00-12.00** **Session 1: Nominated projects for the *DAREMUS-prize* for MS researchers below the age of 40 years**
Chair: Annette Bang Oturai. Room: **Grandball**
- 11.00-11.12 Kasper Winther Andersen: Multi-dimensional microstructural imaging offers novel insights into brain pathology: an application to multiple sclerosis
- 11.12-11.24 Marie Louise Elkjær: Molecular signature of brain lesion evolution and fate in progressive MS
- 11.24-11.36 Tobias Sejbæk: Neurofilament light chain niveauer i CSF og blod hos patienter med multipel sklerose før og efter behandling med dimethylfumarat
- 11.36-11.48 Martin Langeskov Christensen: Association of aerobic capacity and cognitive performance in people with multiple sclerosis – A cross-sectional study
- 11.48-12.00 Thor Chalmer: Early versus late treatment start in multiple sclerosis - a register based cohort study
- 12.00-13.00** **Lunch**

The meeting is sponsored by

Biogen, Merck, Novartis, Roche, Sanofi Genzyme and Teva

Danish Multiple Sclerosis Center





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- 13.00-13.15** **Presentatiois years best of the *DAREMUS-prize* for this years best scientific project.**
Room: **Grandball**
- 13.15-14.45** **Parallel session 1:** Medical cannabis for MS
Chair: Per Soelberg Sørensen. Room: **Grandball**
- 13.15-13.45 Pain treatment in MS, Nanna Brix Finnerup
13.45-14.00 Practical and legal aspects, Henrik Boye Jensen
14.00-14.10 Talk by Eskild Colding Jørgensen, Lægemedelstyrelsen
14.10-14.15 Talk by Klaus Høm, Scleroseforeningen
14.15-14.45 Panel discussion
- 13.15-14.45** **Paralle lsession 2:** Experimental/paraclinical MS research
Chair: Trevor Owens. Room: **Christiansborg**
- 13.15-13.45 Keynote talk: **Allan Randrup:** Immunforsvaret i CNS
13.45-13.57 Emilie Tresse-Gommeaux: IFN- β is essential for mitochondrial fission in neurons
13.57-14.09 Henrik Hasseldam: Endogenous IFN β regulates CNS barrier integrity
14.09-14.21 Louise Munk Rasmussen: Requirements for FoxA1 regulation of Pdl1 promotor in T cells to impose suppressive anti-inflammatory functions of FoxA1+Tregulatory cells
14.21-14.33 Marlene Mørch: Cytosolic DNA-sensing through stimulator of interferon genes (STING) has a protective role in focal brain lesions in experimental autoimmune encephalomyelitis (EAE)
14.33-14.45 Yawei Liu: Re-programming Th17 cells to FoxA1+Tregs, prospect for MS treatment
- 14.45-15.15** Coffee
- 15.15-17.15** **Parallel session 3:** Clinical and epidemiological MS research
Chair: Egon Stenager. Room: **Grandball**
- 15.15-15.45 Keynote talk: **Ulrik Dalgas:** Hvordan kan man også måle MS?
15.45-15.57 Caroline Holst Bloch: Baseline lymfocytter og høj alder predikterer lymfopeni hos dimethylfumarat-behandlede patienter med multipel sklerose
15.57-16.09 Christian Bauer: Asymmetrics in structural connectivity correlates with fatigue in multiple sclerosis
16.09-16.21 Christina Andersen: Alcohol consumption in adolescence is associated with lower risk of multiple sclerosis in a Danish cohort



- 15.15-17.25** **Parallel session 3:** Clinical and epidemiological MS research
Continued
- 16.21-16.33 Gorm Pihl-Jensen: Sensitive assessment of acute optic neuritis by a new digital flicker test
- 16.33-16.45 Jacob Callesen: How much does balance and muscle strength impact walking in persons with multiple sclerosis?
- 16.45-16.57 Johanna Balslev Andersen: Mental health status among children of mothers diagnosed with multiple sclerosis: a Danish cohort and register-based study
- 16.57-17.09 Laurits Madsen: A cross-sectional study of the relationship between cardiorespiratory fitness, disease severity and walking speed in persons with Multiple Sclerosis
- 17.09-17.21 Nete Munk Andersen: Multiple Sclerosis in first and second generation immigrants
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- 15.15-17.25** **Parallel session 4:** Immunology and disease mechanisms
Chair: Helle Hvilsted Nielsen. Room: **Christiansborg**
- 15.15-15.45 Keynote talk: **Finn Sellebjerg:** Biomarkører for sygdomsaktivitet og sygdomsprogression
- 15.45-15.57 Cecilie Ammitzbøl: Rygning, GPR15-ekspression og multipel sklerose
- 15.57-16.09 Hannah-Marie Laigaard: Effect of Multiple Sclerosis Associated Interleukin 2 Receptor Alpha (IL2RA) Gene Variants on DNA Methylation
- 16.09-16.21 Julie Heiden: Extended antigen panel called the EZMMR panel in the diagnosis of Multiple Sclerosis
- 16.21-16.33 Mads Olesen: Differential intrathecal inflammatory markers in acute optic neuritis and later conversion to multiple sclerosis
- 16.33-16.45 Rikke Holm Hansen: Dimethyl fumarate suppresses B cell responses in patients with relapsing-remitting multiple sclerosis
- 16.45-16.57 Mikkel Carstensen Gjelstrup: Pro-inflammatory monocyte subsets are augmented in incipient and progressed Multiple Sclerosis
- 16.57-17.09 Oskar McWilliam: Abnorm B celle fænotype og cytokinproduktion ved atakvis multipel sklerose
- 17.09-17.21 Sara Lundquist: Frequency and immunophenotype of IL-10 producing regulatory B cells in optic neuritis

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