



20th Annual OAK meeting

PROGRAMME, Friday 16 June 2023

Festauditorium, Den gamle Landbohøjskole, Frederiksberg Campus, København Universitet

Bülowsvej 17, 1870 Frederiksberg

9:30 - 10:00	Arrival & registration, coffee, breakfast
10:00 – 10:15	Welcome by Susana Aznar and Mette Berendt and presentation of <u>Bente Pakkenberg Prize</u> by Arne Møller

Session 1

Chair: Kate Lambertsen and Kim Ryun Drasbek

10:15 – 10.30	Simone Tonetto Nutritional Ketosis as Treatment for Alcohol Withdrawal Symptoms.
10.30 – 10.45	Katrine Tækker Krohn Regulation of microglial TNF production by noncoding RNAs in multiple sclerosis lesions
10.45 – 11.00	Jónvá Hentze Investigating the expression of the DNAJB6 protein in clinical tissues and models of synucleinopathies
11:00 – 11:30	COFFEE BREAK (meet the sponsors)

Session 2

Chair: Gitta Wörtwein and Arne Møller

11:30 – 11:45	Julie D. Jakobsen The effect of siponimod on oligodendrocyte precursor cell proliferation and maturation in naive mice
11.45 – 12.00	Helene Halkjær Jensen Neurological consequences of human calmodulin mutations
12.00 – 12.15	Julie Niemann Holm-Jacobsen Targeting CSF1R in Alzheimer's disease
12.15 – 12.30	Saint Clair Michna Effect of inhibitor TNF on the cognitive outcomes after experimental stroke

12:30 – 12:45 **Poster pitch presentations, 5 posters, 2 min for each**
(Posters will be displayed on the main screen)

Ole Borup Svendsen SLITRK5, the genetic switch for developing OCD similar behavior?

Anchifiya Ali Studying the Impact of Conditional Knock-Out of the Serotonin 2B Receptor on Microglial Density and Morphology

Rebecca Best Jensen Remote ischemic conditioning; Novel treatment targeting in acute ischemic stroke

Luisa Knecht Measuring alpha-synuclein aggregates across the human brain.

Shamica Jaiswal Targeting Cognitive Decline in Aging: Investigating the Effects of Erythropoietin Treatment and Hypoxia Exposure.

12:45 – 13:45 LUNCH BREAK (meet the sponsors)

Session 3

Chair: Susana Aznar and Bente Finsen

13.45 – 14:00 **Katrine Tang Stenz**
Remote ischemic conditioning attenuate ischemia and lead to changes in regulation of cell cycle in human brain microvascular endothelial cells

14.00 – 14.15 **Anne-Line Strange Laursen**
Modelling Multiple System Atrophy-like α -synuclein pathology in mice

14.15 – 14.30 **Anna Berezovskaia**
The role of M4 mAChR localized on cholinergic neurons on psychostimulant's effects on the brain and behavior.

14:30 – 14:45 **Poster pitch presentations, 4 posters, 2 min for each**
(Posters will be displayed on the main screen)

Ojha, Bhavya Modelling cortical pathology in mouse

Kata Molnár Cortical changes in a new mouse model of amyotrophic lateral sclerosis (ALS)

Pernille L. Heidemann MicroRNAs in inflammatory CNS diseases in dogs – Biomarkers for steroid-responsive meningitis-arteritis?

Celine Knudsen The regulation of mGluR5 after chronic mild stress

14:45 – 15:30 COFFEE BREAK (meet the sponsors)

Session 4

Chair: Bettina Elvfing and Jens Randel Nyengaard

15:30 – 15:45	Camilla Termansen Erichsen Mechanisms behind cognitive symptoms in schizophrenia and depression
15.45 – 16.00	Tenna Remler Pedersen Clinical phenotype and factors contributing to pain pathogenesis investigated in a nonexperimental spontaneous dog model of neuropathic pain translating to humans
16.00 – 16.15	Rolf Fyllgraf Søkilde Evaluation of microRNA in situ hybridization usability of long-term stored human brain bank tissue
16:15 – 16:30	BREAK (meet the sponsors)
16:30 – 16:45	Prize announcement
18:30	DINNER Restaurant Bistro RK, Nørrebrogade 160, 2200 Copenhagen



Assessment committee:

Best oral presentation – Bente Pakkenberg Prize:

Arne Møller

Bente Finsen

Susana Aznar

Kate Lambertsen

Jens Randel Nyeangaard

Gitta Wörtwein

Best poster presentations:

Kim Ryun Drasbek

Trevor Owens

Tomasz Brudek

Bettina Elvfing

Helle Hvilsted Nielsen

Morgane Thomsen

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