

The Brain Conferences

Brain Stroke: Why, How, and Hope

19 – 22 April 2020

[Rungstedgaard](#), Denmark

PRELIMINARY PROGRAMME

| Sunday, 19 April 2020 | |
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| From 14:15 | Arrival and registration |
| 14:50-15:00 | Welcome and opening remarks from the Conference Chairs |
| Risk factors. Genes and the microbiome | |
| 15:00-15:40 | Matthias Endres , Charité – Universitätsmedizin Berlin, Germany The burden of stroke: worldwide challenge and regional concepts |
| 15:40-16:20 | Mitchell Elkind , Columbia University, USA Stroke Risk Factors and Triggers: Why Me? Why Now? |
| 16:20-16:40 | Afternoon snack |
| 16:40-17:20 | Martin Dichgans , Institute for Stroke and Dementia Research, Germany Stroke Genetics: from GWAS to targeted interventions |
| 17:20-18:00 | Josef Anrather , Weill Cornell Medicine, USA Intestinal Immune Cells in Stroke Immunity |
| 18:20-18:40 | <i>Short talks (selected from submitted abstracts)</i> |
| 19:00-21:30 | Welcome Drink & Dinner |

Monday, 20 April 2020

Damage: Molecular pathology, immunity, BBB breakdown

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| 09:00-09:40 | Arthur Liesz , Institute for Stroke and Dementia Research, Germany Immunity after stroke: the central and peripheral immune response |
| 09:40-10:20 | Lauren Sansing , Yale School of Medicine, USA Transcriptomics in ischemic and hemorrhagic stroke |
| 10:20-10:50 | Group Picture and Coffee Break |
| 10:50-11:30 | Dritan Agalliu , Columbia University, USA The Molecular and Cell Biological Mechanisms of Blood-Brain Barrier Dysfunction in Ischemic Stroke |
| 11:30-12:10 | Marion Buckwalter , Stanford University, USA Adaptive immunity and long term stroke sequelae |
| 12:10-12:30 | <i>Short talks (selected from submitted abstracts)</i> |
| 12:30-14:00 | Lunch |
| 14:00-15:00 | 2019 Brain Prize Awardee Keynote Address Marie-Germaine Bousser , Hospital Lariboisière, France The Discovery of CADASIL: lessons learned |
| 15:00-15:30 | Poster Highlights I (14 presentations, 2 min. each) |
| 15:30-17:45 | Poster Session I with Afternoon Snack |
| 17:45-18:15 | Group Discussion Discussion leaders: Martin Lauritzen , University of Copenhagen. Denmark & Bo Norrving , Lund University, Sweden |
| 19:15-21:30 | Dinner |

Tuesday, 21 April 2020

Recovery: Neurovascular reorganization and sprouting

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| 09:00-09:40 | Timothy Murphy , The University of British Columbia, Canada Mesoscale connectivity changes after stroke and novel mouse models |
| 09:40-10:20 | Craig E. Brown , University of Victoria, Canada Deciphering the role of dis-inhibitory cortical circuits in stroke recovery |
| 10:20-11:00 | Coffee break |
| 11:00-15:00 | Box Lunch, outing to Louisiana Museum |
| 15:15-15:55 | Stanley Thomas Carmichael , University of California, Los Angeles, USA Molecular Memory Systems in Stroke Recovery |
| 15:55-16:35 | Raj Ratan , Burke Neurological Institute, Weill Cornell Medicine, USA Adaptive transcriptional mechanisms of recovery from ischemic and hemorrhagic stroke |
| 16:35-17:15 | Diane Lagace , University of Ottawa, Canada Role of adult endogenous stem cell-generated neuronal and glial networks in stroke recovery |
| 17:15-17:45 | Poster Spotlights II (14 presentations, 2 min. each) |
| 17:45-19:25 | Poster Session II with Afternoon Snack |
| 19:30-21:30 | Dinner |

Wednesday, 22 April 2020

Long term outcomes, overlap with dementia, CADASIL

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| 09:00-09:40 | <p>Costantino Iadecola, Weill Cornell Medicine, USA</p> <p>Overlap between vascular and neurodegenerative dementia: from bench to bedside</p> |
| 09:40-10:20 | <p>Stéphanie Debette, University of Bordeaux, France</p> <p>Epidemiology and genetics of cerebral small vessel disease: implications for prevention of dementia</p> |
| 10:20-10:50 | Coffee Break |
| 10:50-11:30 | <p>Katerina Akassoglou, Gladstone Institute of Neurological Disease/UCSF, USA</p> <p>BBB dysfunction and immunity</p> |
| 11:30-12:10 | <p>Chris Schafer & Nozomi Nishimura, Cornell University, USA</p> <p>Cerebral hypoperfusion and amyloid beta pathology: A vicious cycle in the progression of Alzheimer's disease</p> |
| 12:10-12:30 | <i>Short talks (selected from submitted abstracts)</i> |
| 12:30-14:00 | Lunch |
| Prevention, therapy, and promoting recovery | |
| 14:00-14:40 | <p>Grete Andersen, Aarhus University, Denmark</p> <p>The promise of stroke</p> |
| 14:40-15:20 | <p>Karen Furie, Brown University, USA</p> <p>Frontiers in stroke therapeutics</p> |
| 15:20-15:50 | Coffee Break |
| 15:50-16:30 | <p>Steven C. Cramer, University of California, Los Angeles, USA</p> <p>Promoting Recovery After Stroke in Humans</p> |
| 16:30-17:10 | <p>Zaal Kokaia, Lund University, Sweden</p> <p>Cell therapy for stroke recovery: present and future</p> |
| 17:10-17:30 | <i>Short talks (selected from submitted abstracts)</i> |
| 17:30-18:00 | <p>Group discussion</p> <p>Discussion leaders: Martin Lauritzen, University of Copenhagen, Denmark & Bo Norrving, Lund University, Sweden</p> |
| 19:30-22:00 | Gala Dinner & Poster Awards |

