

Vasospasm 2011 Program Agenda

Friday, July 22, 2011

7:00-8:00

Breakfast

Breakout: COSBID SOCIAL/WORKSHOP

Co-Chairs: Jed Hartings, Martin Fabricius

8:00-10:00

Session 3a: SPREADING DEPOLARIZATIONS: CLINICAL STUDIES

Co-Chairs: Ryszard Pluta, Anthony Strong

8:00-8:25

Lower Incidence of Cerebral Infarction Correlates with Improved Functional Outcome after Aneurysmal Subarachnoid Hemorrhage

- Nima Etminan, Dusseldorf, Germany

8:25-8:50

The Role of Spreading Depolarization, Spreading Depression and Spreading Ischemia in Patients with Aneurysmal Subarachnoid Hemorrhage

- Jens Dreier, Berlin, Germany

8:50-9:05

Delayed Cerebral Ischemia Associated with Spreading Depolarization Can Occur Despite Absence of Proximal Vasospasm after Aneurysmal Subarachnoid Hemorrhage

- Johannes Woitzik, Berlin, Germany

9:05-9:20

Full-Band Electroencephalography Study of Spreading Depolarizations in Patients with Aneurysmal Subarachnoid Hemorrhage

- Jed Hartings, Cincinnati, Ohio, USA

9:20-9:35

Impact of Body Temperature on Occurrence of Cortical Spreading Depolarizations in Subarachnoid Hemorrhage

- Christoph Drenckhahn, Berlin, Germany

9:35-9:50

Analgesics and Sedative Drugs Have an Impact on Frequency of Spreading Depolarizations in the Injured Human Brain

- Daniel Hertle, Heidelberg, Germany

9:50-10:20

Break

10:20-12:00

Session 3b: SPREADING DEPOLARIZATIONS AND NEUROVASCULAR COUPLING: ANIMAL STUDIES
Co-Chairs: R. Loch MacDonald, Cenk Ayata

10:20-10:45

Spreading Depolarizations: Modulation by Systemic Physiology and Drugs

- Cenk Ayata, Boston, Massachusetts, USA

10:45-11:00

Coupling of Cerebral Blood Flow and Glucose Metabolism During Spreading Depolarizations - A Multimodal Study

- Delphine Feuerstein, Cologne, Germany

11:00-11:15

Spatia Temporal Patterns of Cerebral Blood Flow and Hemoglobin Oxygenation During the Propagation of Spreading Depolarizations Following Middle Cerebral Artery Occlusion

- Rudolf Graf, Cologne, Germany

11:15-11:30

Subarachnoid Blood Converts Neurally Evoked Vasodilation to Vasoconstriction in Rat Brain Cortex

- Masayo Koide, Burlington, Vermont, USA

11:30-11:45

Matrix Metalloproteinase and Epidermal Growth Factor Receptor Activation Cause Suppression of Voltage Gated Potassium (KV) Channels to Enhance Constriction of Rat Parenchymal Arterioles after Subarachnoid Hemorrhage

- George Wellman, Burlington, Vermont, USA

11:45-12:00

Q&A

12:00-14:00

Lunch/Breakout - WHITE PAPER DISCUSSION
Co-Chairs: Emanuela Keller, Jose Suarez

OR

Poster Session

14:00-14:30

GUEST LECTURER: DAVID MENDELOW

Progress with the STICH II Trial

14:30-16:30

Session 4: INFLAMMATION AND BLOOD-BRAIN BARRIER
Co-Chairs: Javier Provencio, Gail Pyne-Geithman

14:30-14:50

Introduction

- Javier Provencio, Cleveland, Ohio, USA

14:50-15:05

Statin Induced T- Lymphocyte Modulation and Neuroprotection Following Experimental Subarachnoid Hemorrhage

- Robert Ayer, Loma Linda, California, USA

- 15:05-15:20 Microglia (MG) Activation after Acute Subarachnoid Hemorrhage (aSAH): An Intraparenchymal Reaction to an Extraparenchymal Disease
- Ulf Schneider, Berlin, Germany
- 15:20-15:35 L-Citrulline Therapy Prevents Basilar Artery Vasospasm in Haptoglobin 2-2 Transgenic Mice after Induced Subarachnoid Hemorrhage
- Rafael Tamargo, Baltimore, Maryland, USA
- 15:35-15:50 Intracranial Pressure Controlled Rabbit Subarachnoid Hemorrhage Model for the Study of Early Brain Injury
- Serge Marbacher, Aarau, Switzerland
- 15:50-16:05 The Effect of Variation in Low Dose LPS Injection on Mouse Delayed Cerebral Vasospasm (DCV) after Subarachnoid Hemorrhage
- Saksith Smithason, Cleveland, Ohio USA
- 16:05-16:30 Q&A
- 16:30–17:30 *Bid Presentations: Vasospasm 2013***
Co-Chairs: Joseph Clark, Mario Zuccarello
- 17:00–18:00 COSBID Business Meeting**
- 18:00–21:00 Dinner**