



Center for Brain Repair and Rehabilitation, Dept. of Clinical Neuroscience,  
Inst. of Neuroscience and Physiology, Sahlgrenska Academy, Sweden

**THE 4TH PETER ERIKSSON CONFERENCE  
IMPROVING POST-STROKE BRAIN PLASTICITY AND REGENERATION - FROM BASIC RESEARCH  
TO THE CLINIC  
AND  
THE 3RD LUND-GOTHENBURG STROKE RESEARCH FORUM**

at Nya Varvet, Sweden, 25 January 2017

**Organizers:** Michael Nilsson, Marcela Pekna, Christian Blomstrand, Lars Rosengren, and  
Milos Pekny

Supported by: Peter Eriksson Foundation, the Stroke Centrum West, and HMRI, Newcastle, NSW, Australia.

- 9.00-9.10 **Conference Opening**
- 9.10-10.55 **Session 1** *Chairs Michael Nilsson and Christian Blomstrand*
- 9.10-9.45 The Peter Eriksson and Stroke Center West Lecture  
**Chris Levi**, Newcastle, Australia:  
*Integrating pre-hospital diagnostics with acute thrombolysis & thrombectomy*
- 9.45-9.55 Discussion
- 9.55-10.10 **Turgut Tatlisumak** *The other side of the coin: post-thrombolysis hemorrhage*
- 10.10-10.15 Discussion
- 10.15-10.30 **Mikael Elam** *Microwaves and intracranial hemorrhage – how far have we advanced*
- 10.30-10.35 Discussion
- 10.35-10.55 *Coffee break*
- 10.55-11.55 **Session 2** *Chair Milos Pekny*
- 10.55-11.10 **Tadeusz Wieloch** *Pharmacological approaches to stroke recovery*
- 11.10-11.15 Discussion
- 11.15-11.30 **Marcela Pekna** *C3a: shaping the function of the post-stroke brain*
- 11.30-11.35 Discussion
- 11.35-11.50 **Zaal Kokaia** *Stem cells and stroke recovery*
- 11.50-11.55 Discussion
- 11.55-12.55 *Lunch*
- 13.00-14.00 **Session 3** *Chair Georg Kuhn*
- 13.00-13.15 **Milos Pekny** *Astrocytes as a novel target in stroke*
- 13.15-13.20 Discussion
- 13.20-13.35 **Arne Lindgren** *Stroke genetics: implications for risk and the outcome*
- 13.35-13.40 Discussion
- 13.40-13.55 **Christina Jern** *Biomarkers of stroke recovery*
- 13.55-14.00 Discussion
- 14.00-14.20 *Coffee break*

- 14.20-15.00 **Session 4** *Chair Marcela Pekna*
- 14.20-14.35 **Michael Nilsson** *Stroke and secondary neurodegeneration*
- 14.35-14.40 Discussion
- 14.40-14.55 **Georg Kuhn** *Neural progenitor cell migration in the late stage after stroke*
- 14.55-15.00 Discussion
- 15.00-15.10 *Break*
- 15.10-16.00 *Panel discussion I* **Stroke recovery - lessons from basic research**  
*Moderators: Zaal Kokaia, Michael Nilsson, Lars Rosengren, Arne Lindgren*
- 16.10-17.00 *Panel discussion II* **Inventions and novel experimental therapies preventing/reducing functional deficit after stroke**  
*Moderators: Mikael Elam, Tadeusz Wieloch, Marcela Pekna, Thomas Lindén*



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