



*Stiftelsen Peter Erikssons Minnesfond and Stroke Centre West invite you to*

The 4th Peter Eriksson Conference  
and  
The 3rd Lund-Gothenburg Stroke Research Forum

## Improving Post-stroke Brain Plasticity and Regeneration – From Basic Research to the Clinic

*Date:* January 25<sup>th</sup>, 2017, from 9 am – 5 pm (kl 9-17)

*Location:* conference room Havsörnen, VGR Campus Nya Varvet,  
Fredrik Bloms väg 25, Västra Frölunda

The Peter Eriksson and SCV lecture will be given by *Professor Chris Levi*, University of Newcastle, Australia. Professor Levi's contribution and research vision is the translation of experimental stroke therapies into the clinical domain for the effective prevention and treatment of stroke. To this end, he has pioneered significant improvements in prevention, clinical treatment and patient outcomes. Professor Levi will discuss the Newcastle experience with the integration of pre-hospital diagnostics, acute thrombolysis and thrombectomy.



Speakers from Gothenburg and Lund will present new stroke-related basic research, novel experimental stroke therapies and pre-hospital diagnostic tools, and provide the latest update on biomarker predictors of stroke recovery and genetic risk factors, as well as review the current challenges of stroke rehabilitation.

The number of participants is limited, the "first come, first serve" rule will be applied to the registrations. Due to this limitation it is important to cancel your registration if you cannot come, there will be a penalty of 300 SEK if not cancelled.

*Cost:* Your time and interest. Refreshments and lunch are included.

*Target group:* Everyone interested in stroke research.

*All presentations will be given in English.*

### Welcome

Michael Nilsson  
Christian Blomstrand  
Marcela Pekna  
Milos Pekny  
Lars Rosengren

If you have any questions, please contact: [lotta.beaird@vgregion.se](mailto:lotta.beaird@vgregion.se)

Registration: [Link to registration](#)



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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 Väst, 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*

- 14.20-15.20 **Session 4** *Chair Marcela Pekna*
- 14.20-14.35 **Michael Nilsson** *Stroke and secondary neurodegeneration*
- 14.35-14.40 Discussion
- 14.40-14.55 **Katharina Stibrant-Sunnerhagen** *New and innovative research in stroke rehabilitation*
- 14.55-15.00 Discussion
- 15.00-15.15 **Georg Kuhn** *Neural progenitor cell migration in the late stage after stroke*
- 15.15-15.20 Discussion
- 15.20-15.40 *Coffee break*
- 15.40-16.20 *Panel discussion I* **Stroke recovery - lessons from basic research**  
*Moderators: Zaal Kokaia, Michael Nilsson, Lars Rosengren, Katharina Stibrant-Sunnerhagen, Arne Lindgren*
- 16.20-17.00 *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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