

# Developing Treatments for Stroke Recovery

## Stanford's Second Annual Stroke Recovery Symposium

Friday September 25, 2015 | Clark Center Auditorium



- 7-8 AM **Neurosurgery Grand Rounds**  
Barth Green, Chair of Neurosurgery and of the Miami Project, Univ of Miami  
*Title TBA*
- 8-9 AM **Keynote Address**  
Anna-Sophia Wahl, Brain Research Institute UZH/ETH, Zurich  
*How to close the loop from neuronal rewiring to functional recovery after stroke*
- 9-9:30 **Breakfast, Nexus Café**



Barth Green

- Morning Session - Stroke Recovery: Lessons from man and mouse**
- 9:30 Marion Buckwalter, MD, PhD, Associate Prof of Neurology and Neurosurgery, Stanford  
*Opening remarks*
- 9:45 Sean Maloney, Former Intel executive and stroke survivor  
*Patient perspective on stroke and recovery*
- 10:15 Kara Flavin, MD, Clinical Assistant Prof, Neurology and Orthopaedic Surgery, Stanford  
*Overview of past trials and promising therapeutics*
- 10:45 John Huguenard, PhD, Professor of Neurology and Neurosurgery, Stanford  
*Zolpidem and post-stroke circuit changes*
- 11:15 Discussion panel: Green, Wahl, Maloney, Flavin, Huguenard
- 11:45-1 **Lunch on the LKSC lawn**



Anna-Sophia Wahl

- Afternoon Session 1 - Novel tools to understand recovery**
- 1:00 Amit Etkin, MD, PhD, Assistant Professor of Psychiatry, Stanford  
*Mapping causal circuit dynamics in human*
- 1:25 Mehrdad Shamloo, PhD, Associate Professor of Neurosurgery, Stanford  
*Stroke recovery devices in rodents*
- 1:50 Mark Cutkosky, PhD, Professor of Mechanical Engineering, Stanford  
*Robotics as a tool for understanding human sensorimotor recovery*
- 2:10 Discussion Panel: Etkin, Shamloo, Cutkosky, Okamura
- 2:30-2:45 **Coffee Break**



Sean Maloney

- Afternoon Session 2 - Novel treatments: What is in the pipeline?**
- 2:45 Karunesh Ganguly, Assistant Professor, UCSF  
*Brain Machine Interface in rats*
- 3:15 Paul George, MD, PhD, Instructor of Neurology, Stanford  
*Engineering biopolymers for stroke recovery therapy*
- 3:35 Marion Buckwalter, MD, PhD, Associate Prof of Neurology and Neurosurgery, Stanford  
*B cell therapies for post-stroke dementia*
- 4:00 Discussion Panel: Buckwalter, George, Ganguly, Wahl
- 4:30 Wrap-up



Allison Okamura



Karunesh Ganguly



Marion Buckwalter & Maarten Lansberg

### Contact Information

Jackie Bautista  
Phone: 650-498-5855  
[jackieb@stanford.edu](mailto:jackieb@stanford.edu)

### Registration

<http://med.stanford.edu/scan/events.html>

