



OTTO VON GUERICKE  
UNIVERSITÄT  
MAGDEBURG

**2nd International Symposium  
DFG Research Training Group 1167**

# *Signaling and Regulation in the Immune and Nervous Systems*

## Speakers

**Nils Brose**

**Yukiko Goda**

**Frank Gertler**

**Andrew Neish**

**Lars Rönnstrand**

**Michael L. Dustin**

**Shigeki Miyamoto**

**Chen Chang-Zheng**

**Gudrun Ahnert-Hilger**

**Amparo Acker-Palmer**



**2 - 3 December 2010**

**Otto von Guericke University Magdeburg**

**Medical Campus, ZENIT Building**

## Program - Thursday 2010-12-02

**1.00 pm – 1.15 pm**     *Opening by Michael Naumann*

**Session I** - Chairs: Romy Schneider, Janine Degen

1.15 pm – 1.50 pm	<b>Michael L. Dustin</b> "Role of membrane associated guanylate kinase family adapters in function of the immunological synapse"
2.00 pm – 2.35 pm	<b>Frank Gertler</b> "Regulation of cytoskeletal dynamics during nervous system development"

**2.45 pm – 3.15 pm**

*Coffee break*

**Session II** - Chairs: Nishanth Gopala, Marie-Christine Wagner

3.15 pm – 3.50 pm	<b>Andrew Neish</b> "New roles for G protein coupled receptors in mucosal innate immune signaling"
4.00 pm – 4.35 pm	<b>Lars Rönnstrand</b> "Signaling by oncogenic mutants of the stem cell factor receptor/c-Kit: much more than just ligand-independent kinase activity"

**4.45 pm – 5.15 pm**

*Coffee break*

**Session III** - Chair: Markus Schröder

5.15 pm – 5.50 pm	<b>Amparo Acker-Palmer</b> "Neuro and vascular guidance in health and disease"
-------------------------	---

## Program - Friday 2010-12-03

### Session IV - Chairs: Robert Eckenstaler, Daniela Ivanova

9.00 am – 9.35 am	<b>Nils Brose</b> "Dynamic control of neurotransmitter release"
9.45 am – 10.20 am	<b>Gudrun Ahnert-Hilger</b> "Go - Modulator of vesicular transmitter uptake and the dopaminergic system"

10.30 am – 11.00 am

*Coffee break*

### Session V - Chairs: Amarendra Reddycherla, Marc Borgmann

11.00 am – 11.35 am	<b>Chang-Zheng Chen</b> "Micromanagement of the immune system by microRNAs: From Mechanisms to Function"
11.45 am – 12.20 pm	<b>Shigeki Miyamoto</b> "Genotoxic stress - NF-kB signaling"

12.30 pm – 1.00 pm

*Coffee break*

### Session VI - Chair: Rahul Rajkumar

1.00 pm – 1.35 pm	<b>Yukiko Goda</b> "Synaptic strength regulation by integrins"
-------------------------	---

1.45 pm – 2.00 pm

*Concluding remarks by Eckart Gundelfinger*

2nd International Symposium of the GRK 1167

# DFG

Funded by the Deutsche Forschungsgemeinschaft



GRK 1167 Website:

[www.med.uni-magdeburg.de/fme/grk/index.html](http://www.med.uni-magdeburg.de/fme/grk/index.html)

**Organized by:**

Daniel Lang  
Robert Eckenstaler  
Markus Schröder

**Coordinators:**

Prof. E.D. Gundelfinger  
Prof. M. Naumann

