

**Organizers:**

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**Location:**

Schloss Mickeln  
Düsseldorf-Himmelgeist  
Alt-Himmelgeist 25  
D-40589 Düsseldorf

**During conference:**

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**Supported by:**

Novartis Pharma GmbH,  
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**Program  
Friday, May 20**

- 11:00 **Registration** with coffee/tea and snacks
- 13:00 H. W. Müller and H.-P. Hartung (Düsseldorf)  
Welcome and Introduction
- Lesion Scar and Combinatorial Approaches  
(Chairs: J. Silver and J. Verhaagen)
- 13:10 Andreas Faissner (Bochum)  
*ECM molecules and neural differentiation*
- 13:50 Elizabeth Bradbury (London)  
*Chondroitinase ABC therapy in acute and chronic SCI*
- 14:30 Veronica Estrada (Duesseldorf)  
*Overcoming ECM barriers in chronic spinal cord injury*
- 15:10 **Coffee/tea break**
- 15:40 Armin Blesch/Norbert Weidner (San Diego/Heidelberg)  
*Combinatorial approaches to spinal cord repair*
- 16.:20 Barbara Grimpe (Duesseldorf)  
*Deoxyribozymes and bioinformatics: complementary tools to investigate axon regeneration*
- Axon Growth Mechanisms (Chair: C. Bandtlow)
- 17:00 Catherina Becker (Edinburgh)  
*Regeneration of CNS axons and neurons in the adult zebrafish spinal cord*
- 17:40 **Short break**
- 17:50 Dietmar Fischer (Duesseldorf)  
*Signalling pathways in neuroprotection and axon regeneration of retinal ganglion cells*
- 18:30 Andreas Püschel (Muenster)  
*Signalling pathways regulating axon formation*
- 19:30 **Dinner**
- 21:00 Special Evening Lecture (Chair: H.W. Mueller)  
Jerry Silver (Cleveland, OH)  
*Functional regeneration into and beyond the glial scar*

**Saturday, May 21**

- Axon Growth Mechanisms (cont'd)  
(Chair: P. Popovich)
- 09:00 Fang Sun/Zhigang He (Boston)  
*Neuronal intrinsic conditions for axon regeneration in the CNS*
- 09:40 Simone DiGiovanni (Tuebingen)  
*Epigenetic and molecular targets for axon regeneration*
- 10:20 Frank Bradke (Munich)  
*Mechanisms controlling axon growth*
- 11:00 **Coffee/tea break**
- Structural and Functional Plasticity  
(Chairs: R. Heumann and S. David)
- 11:20 Christine Bandtlow (Innsbruck)  
*The role of Nogo-receptors in regeneration and plasticity*
- 12:00 Martin Korte (Braunschweig)  
*Role of Nogo A in synaptic plasticity*
- 13:00 **Lunch**
- 14:00 Johannes Vogt/Robert Nitsch (Mainz)  
*Role of PRG protein family in axon plasticity*
- 14:40 Gregoire Courtine (Zurich)  
*Plasticity and reinforcement of spinal locomotor circuitry after trauma*
- 15:20 Jessica Schira (Duesseldorf)  
*Transplantation of human cord blood-derived stem cells to promote functional recovery after spinal cord injury*
- 16:00 **Coffee/tea break**
- Inflammation and Protection From Secondary Degeneration (Chair: O. Aktas)
- 16:20 Sam David (Montreal)  
*Effects of myelin phagocytosis on macrophage, microglial polarization and changes after SCI*

- 17:00 Jan Schwab (Berlin)  
*Neurogenic immune depression and functional consequences of infections in SCI*
- 17:40 Paul Lingor (Goettingen)  
*Mechanisms of axonal degeneration and protection*
- 18:20 **Short break**
- 18:30 **Special Lecture**  
(Chair: H.-P. Hartung)
- Phil Popovich (Columbus, OH)  
*Cellular immune responses to spinal cord injury*
- 19:15 Closing remarks (H.W. Müller and H.-P. Hartung)
- 19:30 Dinner
- 20:45 After-dinner Music Special in the Blue Salon

## How to reach Schloss Mickeln

Düsseldorf-Himmelgeist, Althimmelgeist 25



## Sunday, May 22

Departure after breakfast

### By plane:

Düsseldorf International Airport and then take a taxi (20-30 min depending on traffic)

### By train:

Düsseldorf main railway station and then take a taxi (15 min)

### By car:

From North: A3 to Kreuz Hilden, A 46 (direction Düsseldorf/Neuss) to Kreuz Düsseldorf-Süd, A59 (direction Leverkusen) to Exit Düsseldorf-Garath. Then direction D.- Benrath to Ickerswarder St. (turn left at street lights, follow sign “Schloss Mickeln”).

From South: A59 (direction Düsseldorf-Süd) to Exit Düsseldorf-Garath (direction D.-Benrath, see above)

From East: A46 (direction Düsseldorf/Neuss) to Kreuz Düsseldorf-Süd, A59 (direction Leverkusen) to Exit Düsseldorf-Garath (direction D.-Benrath, see above).

From West: A46 (direction Wuppertal) to Exit D.-Benrath (follow Münchener St. to Himmelgeist).



