

Wednesday, October 7th

Multimedia Room, Life Science Building

Session IV Cell and Molecular Biology

Chair: Peter Gierschik

8:30-9:10 **Thomas Wieland** (Mannheim, D)
The interaction of nucleoside diphospho (NDP) kinase B with G $\beta\gamma$ controls heterotrimeric G protein function

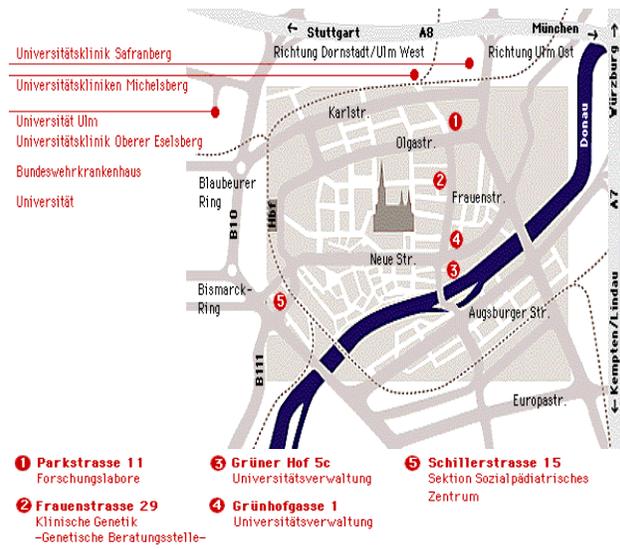
9:10-9:50 **Bernd Nürnberg** (Tübingen, D)
Enzymatic and nonenzymatic roles of phosphoinositide 3-kinase gamma in cellular signaling

9:50-10:10 **Satu Myllymäki** (Oulu, FIN)
 β 1-Integrin-ECM interactions guide the establishment of epithelial polarity

10:10-11:40 *Coffee break and poster session*

11:40- 12:20 **Yoel Kloog** (Tel Aviv, IL)
Loss of cell autonomy: Intercellular transfer of Ras and miRNAs

Michael Kühl (Ulm, D)
Concluding Remarks



Meeting Address

Ulm University
Multimedia Room, Life Science Building
Meyerhofstraße N27
D-89081 Ulm

Contact:

PD Dr. Dieter Brockmann, Managing Director
International Graduate School in Molecular Medicine
Ulm University, Meyerhofstraße N27, D-89081 Ulm
E-Mail: dieter.brockmann@uni-ulm.de

Meeting's Office:

Julia Kutzenberger
E-Mail: julia.kutzenberger@uni-ulm.de
Tel. +49 (0) 731 / 50 36 293
Fax +49 (0) 731 / 50 36 292

Funded by the Excellence Initiative of the German federal and state governments (GSC 270 „International Graduate School in Molecular Medicine Ulm“)



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Programme

Fall Meeting

05 – 07 October 2009
Life Science Building

 International Graduate School
in Molecular Medicine Ulm

Monday, October 5th

Multimedia Room, Life Science Building

17:00 **Michael Kühl**
Chairman International Graduate School in Molecular Medicine Ulm

Stefan Offermanns (Heidelberg, D)
GPCRs as metabolic sensors - physiology and pharmacology

18:00 **PhD Graduation Ceremony**

Student Award

Come-Together-Party
Organized by PhD students

10:30-11:00 *Coffee break and poster session*

11:00-11:40 **Thierry VandenDriessche** (Leuven, NL)
Recent development in gene therapy for hemophilia

11:40-12:20 **Fatima Bosch** (Barcelona, E)
Gene therapy for Diabetes: moving forward to the clinic?

12:20-12:40 **William Ince** (Chapel Hill, USA)
HIV-1 env evolution in a humanized mouse model

12:40-14:00 *Lunch break*

15:20-16:00 **Ruper Overall** (Dresden, D)
Systems genetics of adult hippocampal neurogenesis

16:00-16:30 *Coffee break and poster session*

Session III Cell and Molecular Biology

Chair: Michael Kühl

16:30-17:10 **Michael Freismuth** (Vienna, A)
Moving targets - receptor diffusion and the mode of G protein activation

17:10-17:30 **Natalie Surzenko** (Chapel Hill, USA)
SOX2 transcription factor maintains the dormant progenitor cell state of retinal Müller glia

17:30-17:50 **Lucy Williams** (Chapel Hill, USA)
X-chromosome reprogramming in the female mouse embryo

17:50 - 18:30 **Vsevolod A. Tkachuk** (Moskow, RUS)
TBA

Tuesday, October 6th

Multimedia Room, Life Science Building

Session I Gene Therapy
Chair: Stefan Kochanek

8:30-9:10 **Manuel Grez** (Frankfurt, D)
Gene therapy for chronic granulomatosis: ups and downs

9:10-9:50 **Thierry VandenDriessche** (Leuven, NL)
Novel hyperactive transposases obtained by Darwinian evolution and selection for efficient stem cell gene delivery

9:50-10:30 **Florian Kreppel** (Ulm, D)
Barriers in gene therapy: targeting of adenovirus vectors

Session II Quantitative trait genetics: Complex phenotypes and stem cells
Chair: Hartmut Geiger

14:00-14:40 **Gary Van Zant** (Lexington, USA)
Forward genetics to identify genes regulating hematopoietic stem cells

14:40-15:20 **Gerald de Haan** (Groningen, NL)
Identification of gene networks in hematopoietic stem cells



Students of the International Graduate School in Molecular Medicine Ulm