



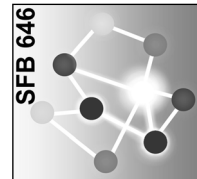
LUDWIG-
MAXIMILIANS-
UNIVERSITÄT
MÜNCHEN

Gene Center Munich
Genzentrum München



Symposium December 1, 2010

**'From Genes to Networks –
Systems Approaches in Developmental Biology'**



- 10:00 – 10:30 *Welcome*
- Prof. Dr. Bernd Huber
(President of the LMU Munich)
- Prof. Dr. Drs. h.c. Helmut Schwarz
(President of the Alexander von Humboldt Foundation)
- State Minister Dr. Wolfgang Heubisch
(State Ministry of Science, Research and Arts)
- 10:30 – 11:10 Prof. Dr. Eric Wieschaus (Princeton University)
"Maternal morphogens and the precise determination of cell fate in the Drosophila embryo"
- 11:10 – 11:50 Prof. Dr. Erwin Frey (LMU Munich)
"Pattern formation in cellular systems"
- 11:50 – 12:50 Prof. Dr. Ulrike Gaul (Alexander von Humboldt Professor, LMU Munich)
"Decoding regulatory gene networks – towards a systems biology of development"
- 12:50 – 13:50 *Buffet Lunch*
- 13:50 – 14:30 Prof. Dr. Patrick Cramer (LMU Munich)
"Global mechanisms of gene transcription"
- 14:30 – 15:10 Prof. Dr. Gertrud Schüpbach (Princeton University)
"Control of EGF receptor activity and axis establishment in Drosophila"
- 15:10 – 15:50 Prof. Dr. Fabian Theis (Helmholtz Zentrum Munich)
"Learning qualitative models of gene and microRNA regulation for neuronal differentiation of embryonic stem cells"
- 15:50 – 16:20 *Coffee Break*
- 16:20 – 17:00 Prof. Dr. Detlef Weigel (MPI of Developmental Biology, Tübingen)
"Next-generation genetics in plants: Evolutionary tradeoffs, immunity and speciation"
- 17:00 – 17:40 Prof. Dr. Christoph Klein (MH Hannover)
"Novel hereditary disorders of the immune system - pediatric medicine as a paradigm to dissect pathomechanisms of rare and common diseases"
- 17:40 – 17:45 *Concluding remarks*