



1. International Symposium »RNAi in vivo Technologies«

CONFERENCE PROGRAMME

Thursday, October 5, 2006

11:00 Registration

13:00 Welcome address by W. Wurst

13:15 - 14:45 RNA Interference in Invertebrates

Chair: W. Huttner

Sebastian Hoepfner, Dresden:

Genome-wide RNAi screen for polarised membrane trafficking in C.elegans

Eric Miska, Cambridge:

Functional analysis of the microRNA genes of C. elegans

N.N.: *Short Presentation*

14:45 - 15:15 Coffee break

15:15 - 17:00 Viral Delivery of RNAi molecules

Chair: W. Huttner

Sebastian Kuegler, Göttingen:

Targeted delivery of shRNAs into the central nervous system by adeno-associated viral vectors

Cédric Raoul, Lausanne:

Lentiviral Vectors and Adeno-associated Vectors for Motoneuron Gene Therapy

Alexander Pfeifer, München:

Therapeutic potential of lentiviral shRNA vectors in neurodegenerative disease

17:00 – 18:00 Poster Session



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Friday, October 6, 2006

08:30 - 10:20 ***In vivo* RNAi electroporation I**

Chair: B. Herrmann

Wieland Huttner, Dresden:

RNAi approaches to study mammalian neurogenesis

Esther Stoeckli, Zurich:

*In ovo RNAi Allows for Temporal and Spatial Control of Gene silencing
During Development of the Nervous System*

Yukio Akaneya, Wako City:

A new technique to knockdown the brain by RNA interference in vivo

N.N.: *Short Presentation*

10:20 - 10:50 **Coffee break**

10:50 - 12:35 ***In vivo* RNAi electroporation II**

Chair: R. Kuehn

John F. Cryan, Cork:

*Silencing the Unquiet Mind: Emerging role for RNA Interference in
Preclinical Neuropsychiatric Research*

Bernhard Hermann, Berlin:

*Dissecting regulatory networks controlling EMT and mesoderm
formation*

Jørgen Kjems, Aarhus:

*siRNA Delivery and Gene Silencing Using Polymeric Nanocarrier
Systems*

12:35 - 13:30 **Lunch break**



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13:30 - 15:00 **RNAi Transgenic Animals I**

Chair: W. Wurst

Andras Nagy, Toronto:

RNAi application during mouse embryogenesis

Heiko Lickert, Munich:

BAF60c functions in heart development and specification of the left-right axis

N.N.: *Short Presentation*

15:00 - 15:30 **Coffee break**

15:30 - 17:00 **RNAi Transgenic Animals II**

Chair: A. Nagy

Michael Boutros, Heidelberg:

High throughput RNAi Screening in Drosophila and human cells

Jost Seibler, Cologne:

Constitutive and inducible RNAi in mice

Ralf Kuehn, Munich:

Conditional Mutagenesis in the Mouse Brain through RNAi

17:00 **Closing Remarks**

17:15 **End of Meeting**