

Program of the SPP1129 Meeting  
"Epigenetics"  
at the Linslerhof in Überherrn  
4. - 6. November 2004

Thursday, November 4

from 13:00 **REGISTRATION**

**15:15** Welcome address by **Dr. Astrid Golla** and **Dr. Frank Wissing**,  
Deutsche Forschungsgemeinschaft (Bonn)

Session I:

**15:30** **Zogel, Corinna** (Essen)  
*„Haplotype structure of the 15q imprinting center“*

**15:55** **Nazlican, Hülya** (Essen)  
*„Analysis of mosaic DNA methylation in patients with Angelman syndrome“*

**16:15** **Coffee break**

**16:45** **Tierling, Sascha/Khare Tarang** (Saarbrücken)  
*„Analysis of imprinted domains in mouse and bovine“*

**17:15** **Prawitt, Dirk** (Mainz)  
*„Imprinting mechanisms in Beckwith-Wiedemann Syndrome and associated tumors“*

**17:40** **Strunnikova, Maria** (Halle)  
*„Chromatin inactivation and de novo DNA methylation at Sp1 binding sites are associated with the progressive epigenetic silencing of the RASSF1A tumor suppressor promoter“*

**19:00** **Dinner**

Session II:

**20:30** **Leonhardt, Heinrich** (München)  
*„Maintenance and modification of epigenetic information“*

**20:55** **Goyal, Rachna** (Giessen)  
*"Biochemical characterization of Mammalian Maintenance Methyltransferase: Dnmt1"*

## Friday, November 5

### Session III:

- 9:00 Cardoso, Christina** (Berlin)  
*"Translation and replication of epigenetic information"*
- 9:25 Ehrenhofer-Murray, Ann** (Giessen)  
*„Chromatin duplication in S.cerevisiae“*
- 9:50 Santoro, Raffaella** (Heidelberg)  
*"Epigenetic control of RNA polymerase I transcription"*
- 10:15 Bonifer, Constanze** (Leeds)  
*„Mechanistic insights into the restriction of the developmental potential of hematopoietic stem cells“*

### **10:45 Coffee break**

### Session IV:

- 11:15 Akthar, Asifa** (Heidelberg)  
*„Dosage compensation as a paradigm to study chromatin regulation“*
- 11:30 Kind, Jop** (Heidelberg)  
*„Targeting of the dosage compensation complex to the male X chromosome in D. melanogaster“*
- 11:45 Haaf, Thomas** (Mainz)  
*"Evolution of genomic imprinting"*

### **12:30 Lunch**

### Session V:

- 15:00 Doerfler, Walter** (Erlangen)  
*„De novo Methylierung in Adenovirus-infizierten und –transformierten Zellen.“*
- 15:30 Lepikhov, Konstantin/Reither, Sabine** (Saarbrücken)  
*„Reprogramming of epigenetic modifications in early mammalian embryos and primordial germ cells“*
- 16:00 Hiendleder, Stefan** (München)  
*"Genomic cytosine methylation, imprinting status of candidate genes, and gene expression in fetuses with large offspring syndrome".*

**16:25 Coffe break**

**Session VI:**

**16:50 Meyer, Peter** (Leeds)

*“A natural antisense transcript of the Petunia Sho gene and its potential involvement in gene regulation”.*

**17:20 Mette, Florian** (Gatersleben)

*„RNA-directed transcriptional silencing in plants“*

**17:45 Kaller, Markus** (Kassel)

*„Chromatin remodelling in Dictyostelium“*

**18:00 Nellen, Wolfgang** (Kassel)

*„Components of the RNA interference machinery in Dictyostelium“*

**18:15 Marhold, Joachim** (Heidelberg)

*„An active DNA-methylation system in Drosophila“*

**19:00 Dinner**

## Saturday, November 6

### Session VII:

- 9:00 Pirotta, Vincenzo** (New York)  
*“Polycomb silencing and Polycomb dynamics”*
- 9:30 Gan, Mio** (Berlin)  
*„Function of the chromobox protein Chriz in interbands“*
- 9:45 Zhao, Dandan** (Berlin)  
*„ Interband proteins and sequences: towards understanding structure and function“*
- 10:00 Phalke, Sameer** (Halle)  
*„Functional analysis of DNA methylation in Drosophila“*

**10:15 Coffee break**

### Session VIII:

- 10:45 Ebert, Anja** (Halle)  
*“Su(var) genes control the silencing potential of distinct histone lysine methylation states in Drosophila heterochromatin“*
- 11:10 Mueller, Juerg** (Heidelberg)  
*“Novel Polycomb group genes in Drosophila”*
- 11: 35 Reik, Wolf** (Cambridge)  
*“Imprinting and epigenetic reprogramming in mammalian development”*
- 12:05 Concluding Remarks** (J. Walter and B. Horsthemke)

**12:30 Lunch**

**14:00 Departure**