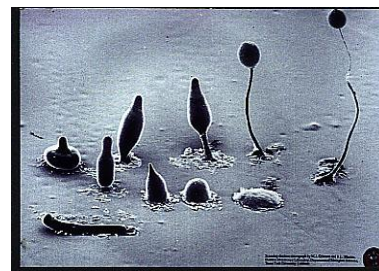
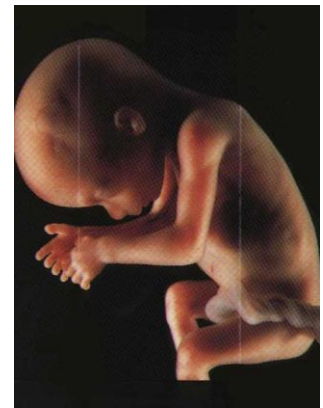
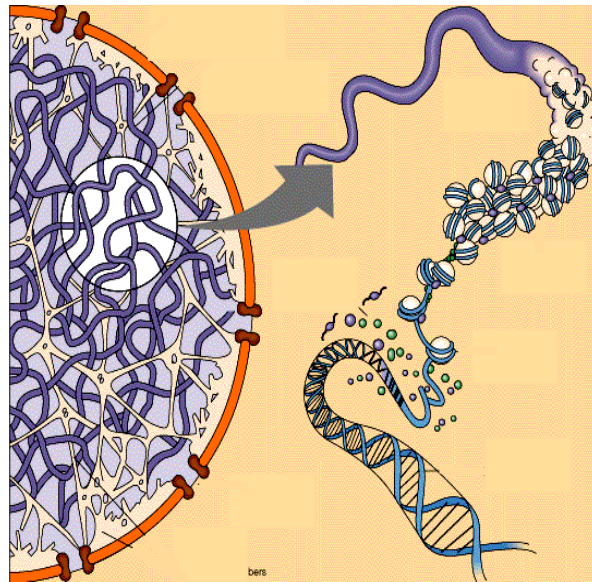


# *Epigenetics 2006*

Workshop of the DFG priority programm 1129



28<sup>th</sup> – 30<sup>th</sup> of September 2006  
Hotel Linslerhof, Überherrn, Saarland

# Programm

Thursday, 28<sup>th</sup> September

from 14:00 REGISTRATION

15:00 Welcome address by **Dr. Frank Wissing**,  
Deutsche Forschungsgemeinschaft (Bonn)

## Session I: Biology of DNA-methyltransferases

Chair: *Asifa Akthar (EMBL, Heidelberg)*

15:10 **Jeltsch, Albert** (International University, Bremen)  
*“Mechanism of mammalian DNA methyltransferases”*

15:45 **Xu, Guoliang** (Institute of Biochemistry and Cell Biology, Shanghai)  
*“The role of DNA methylation in cell differentiation”*

16:20 **Zhou, Jing** (Institute of Biochemistry and Cell Biology, Shanghai)  
*“The functional analysis of mT3a, a gene encoding an interacting protein of Dnmt3a”*  
(short talk)

16:40 Coffee break

## Session II: Biology of DNA-methyltransferases

Chair: *Gunter Reuter (University Halle)*

17:10 **Schäfer, Mathias** (DKFZ, Heidelberg)  
*“Biochemical characterization of DNMT2-interacting proteins in drosophila melanogaster”*

17:45 **Spada, Fabio** (Ludwig-Maximilian University, München)  
*“Regulation of DNA methyltransferase 1”*

18:20 **Phalke, Sameer** (University Halle)  
*“A DNA methylation dependent alternative silencing pathway in drosophila”*

19:45 Dinner

## **Friday, 29<sup>th</sup> November**

### **Session III: Targeting of epigenetic machineries**

Chair: Bernhard Zabel (University Freiburg)

- 9:00 Cardoso, Christina** (Max-Dellbrück-Center, Berlin)  
*“Replication and translation of epigenetic information”*
- 9:35 Kind, Jop** (EMBL, Heidelberg)  
*“Studying targeting by MSL”*

**10:10 Coffee break**

### **Session IV: Reading of epigenetic modifications**

Chair: Heinrich Leonhardt (LMU München)

- 10:40 Marhold, Joachim** (DKFZ, Heidelberg)  
*“Interaction partner of DNMT2 (IPOD) is required for spindle organization in drosophila”*
- 11:15 Fischle, Wolfgang** (MPI, Göttingen)  
*“Dynamic regulation of effector protein binding to histone modifications: the biology of HP1 switching”*
- 11:50 Pei, Gang** (ICB, Shanghai)  
*“A nuclear function of  $\beta$ -arrestin 1 in GPCR signaling: regulation of histone acetylation and gene transcription.”*
- 12:25 Kang, Jiohang** (ICB, Shanghai)  
*“Regulation of  $\beta$ -arrestin 1 on CD4+ T cell-mediated autoimmunity”*
- 12:40 Shen, Li** (ICB, Shanghai)  
*“Possible role of  $\beta$ -arrestin in DNA methylation”*

**13:00 Lunch**

### **Session V: Cellular reprogramming**

Chair: Wolfgang Nellen (University Kassel)

- 15:00 Lepikhov, Konstantin & Wossidlo, Mark** (Saarland University)  
*„Epigenetic reprogramming and repair in the mouse zygote“*
- 15:35 Zechner, Ulrich** (University Mainz)  
*“The impact of ovarian stimulation on imprinted gene methylation in early mouse development”*
- 16:10 Klebes, Ansgar** (Free University, Berlin)  
*“Drosophila leg disc transdetermination is controlled by the polycomb group factor suppressor of zeste 2”*

**16:45 Coffee break**

**Session VI: Interpretation/Reading of epigenetic information**

*Chair: Richard Meehan (Edinburgh)*

**17:00 Müller, Jürg** (EMBL, Heidelberg)

*"Function of polycomb group proteins in drosophila"*

**17:35 Bischofberger, Phil & Zhao, Dandan** (Humboldt-University, Berlin)

*"Compartments of the Interphase Chromosome"*

**18:10 Lein, Sandro** (University Halle)

*"Histone demethylation and the control of gene silencing"*

**18:45 Schneider, Robert** (MPI, Freiburg)

*"Towards a linker histone code"*

**20:00 Dinner**

## **Saturday, 30<sup>th</sup> November**

### **Session VII: Genomic Imprinting**

*Chair: Ingrid Grummt (DKFZ, Heidelberg)*

**9:00 Zogel, Corinna** (University Duisburg-Essen)

*“Is TIEG1 a maternal imprinting factor for human chromosome 15?”*

**9:35 Prawitt, Dirk** (University Mainz)

*“BWS associated imprinting defects altering the regulation of IGF2 transcription”*

**10:10 Paulsen, Martina** (Saarland University)

*“Characterization of regulatory elements in imprinted domains”*

**10:45 Coffee break**

### **Session VIII: RNA-mediated epigenetic control**

*Chair: Karin Buiting (University Duisburg-Essen)*

**11:15 Nellen, Wolfgang & Földesi, Balint** (University Kassel)

*“RNA and chromatin remodelling in dictyostelium”*

**11:50 Mette, Michael Florian** (IPK, Gatersleben)

*“Target position affects RNA-directed DNA methylation and transcriptional gene silencing in plants.”*

**12:25 Mayer, Christine** (DKFZ, Heidelberg)

*“Intergenic transcripts regulate the epigenetic state of rRNA genes”*

**13:00 Lunch**

### **Session IX: General program discussion**

*Topics:*

- *New SPP initiatives*
- *Formation of a german epigenetics net/group*
- *Joint INTEP (BBSRC) – SPP1129 Meeting in 2007*
- *Planning for the final SPP conference in 2008*

**15:00 Departure**