

Preliminary Program of the SPP1129 Meeting
"Epigenetics"
at the Linslerhof in Überherrn
08.-11. November 2007

Thursday, 8th November

from 12:00 REGISTRATION

14:00 Welcome address by **Dr. Pourcain (BBSRC)** and **Dr. Frank Wissing (DFG)**

Session I:

14:15 Scheuermann, Johanna (Heidelberg)
„Characterization of novel PcG protein in Drosophila“

14:45 Vogler, Christine (Freiburg)
"The tail of a short tail - the C-terminal end of H2A"

15:15 Goodrich, Justin (Edinburgh)
"Genetics screens for modifiers of Polycomb group genes in Arabidopsis"

15:45 Coffee break

Session II:

16:15 Fischle, Wolfgang (Göttingen)
"In vitro analysis of chromatin domains"

16:45 Agarwal, Noopur (Berlin)
"Rett mutations affect heterochromatin organization"

17:15 Bonifer, Constanze (Leeds)
"Mechanistic insights into early chromatin priming and early gene activation events in the hematopoietic system"

17:45 Young, Lorraine (Edinburgh)
"Human Embryonic Stem Cells and Epigenetic Disease Modelling"

18:15 Phalke, Sameer (Halle)
"DNA methylation dependent silencing pathways in Drosophila"

19:30 Dinner

Friday, 9th November

Session III:

- 09:00 Klebes, Ansgar (Berlin)**
“Polycomb and Trithorax function in imaginal disc transdetermination”
- 09:30 Meyer, Peter (Leeds)**
„Natural antisense transcripts in plants“
- 10:00 Mette, Florian (Gatersleben)**
“RNA-directed transcriptional gene silencing as a model system for epigenetic regulation in plants”

10:30 Coffee break

Session IV:

- 11:00 Ann Ehrenhofer Murray**
“Boundary function for the histone deacetylase Rpd3”
- 11:30 Schmitz, Kerstin (Heidelberg)**
„Non-coding RNA regulates the epigenetic state of rRNA genes”
- 12:00 Kind, Jop + Conrad, Thomas (Heidelberg)**
“Analysis of the dosage compensation components in Drosophila”

12:30 Lunch

Session V:

- 14:15 Kelsey, Gavin (Cambridge)**
“The Role of Transcriptional Events in Establishing Imprinted Methylation”
- 14:30 Dickinson, Hugh (Oxford)**
“Differential epigenetic control of imprinted gene expression in maize endosperm”
- 15:00 Buiting, Karin (Essen)**
„Gene and regulatory elements in patients with Prader-Willi and Angelman syndrom”

15:30 Coffee break

Session VI:

- 16:00 Prawitt, Dirk + Thorsten Enklaar (Mainz)**
“Altered regulatory mechanisms of Imprinting in BWS cases with ICRI microdeletion”
- 16:30 Oakey, Rebecca (London) / Scott, Rod (Bath)**
“Mouse to Arabidopsis: transkingdom approaches to discovery of imprinted genes and analysis of genomic context „
- 17:00 Ferguson - Smith, Ann (Cambridge)**
“MicroRNAs, retrotransposons and genomic imprinting”
- 17:30 Paulsen, Martina / Gasparoni, Gilles (Saarbrücken)**
“Gene regulation in imprinted regions of the mammalian genome”
- 18:00 Zechner, Uli (Mainz)**
„Sequence ased bioinformatic prediction and QUASEP identify genomic imprinting of the KCNK9 potassium channel gene in mouse and human“

19:00 Dinner

Saturday, 10th November

Session VII:

09:00 Albert Jeltsch (Bremen)
„Mechanism of de novo methylation of DNA by Dnmt3a/3L complex”

09:30 Lyko, Frank (Heidelberg)
„Solving the Dnmt2 enigma”

10:00 Leonhardt, Heinrich (München)
„Role and cellcycle dependent dynamics of DNA methyltransferase I”

10:30 Coffee break

Session VIII

11:00 Lepikhov, Konstantin (Saarbrücken)
“Epigenetic reprogramming in mammalian zygotes: the key events and mechanisms behind”

11:30 Reik, Wolf (Cambridge)
“Mechanisms of epigenetic reprogramming and imprinting in mammalian development”

12:00 Lunch

13:30 – 17:30 Visit to Voelklinger Huette (Steel factory “Word Heritage”) and museum.

17:30 Coffee break

Session IX:

18:00 Farr, Christine (Cambridge)
“Depletion of topoisomerase II perturbs metaphase centromere organisation, leads to an increase in spindle length and to the abnormal persistence of PICH-coated anaphase threads.”

18:30 Gan, Miao (FU Berlin)
„A Protein Complex affecting euchromatic domains of Drosophila melanogaster”

19:30 dinner

Sunday, 11th November

Session X:

09:00 Schubert, Daniel (Heinrich-Heine University Düsseldorf)

“Identification of novel factors controlling histone methylation and cell fate in plants”

09:30 Nellen, Wolfgang (Kassel)

“RNA-directed transcriptional gene silencing as a model system for epigenetic regulation in plants”

10:00 West, Adam (Glasgow)

“Histone modifications at a vertebrate boundary element”

10:30 Coffee break

Session XI

11:00 Walsh, Colum (Ulster)

“Control of DNA methyltransferase expression in the mouse oocyte”

11:30 Hamilton, Andrew (Glasgow)

“Novel small RNA from embryonic stem cells”

12:00 Lunch

13:30 Departure