

**3rd Winter School of the Collaborative Research Centre TRR81**  
**“Chromatin Changes in Differentiation and Malignancies” Marburg-Giessen-Bad Nauheim-Rotterdam**  
at the Kleinwalsertal, February 24 – March 1, 2013

**Sunday 24.2.2013**      18:30                      Dinner  
   20:15                      Ski Rental

**Monday 25.2.2013**

08:00-09:00                      Breakfast

Chair:	Bastian Stielow (M) and Fabrizia Carofiglio (R)
MORNING SESSION  09:00-11:30	Sjaak Philipsen <i>Welcome at the seminar room</i>
	Ileana Cantú (PI Philipsen R) <i>Impact of KLF1 Nan mutation on red blood cells</i>
	Ting Zhang (PI Zhou BN) <i>Linking transcription activation to mRNA splicing by Pr-Set7 mediated H4K20me1 in muscle stem cells</i>
	Till Adhikary (PI Müller M) <i>Mechanism of transcriptional repression by inverse PPARb/d agonists</i>
	Anna-Maria Krampitz (PI Stiewe M) <i>The ΔNp73 oncogene interacts with the Tip60/Nu4A complex for transcriptional repression of anti-metastatic genes</i>
	Marie-Christin Lamkowsky (PI Stiewe M) <i>Identification of potent, isoform-specific, p73-targeting shRNAs using a sensor-based shRNA screen</i>
	Ruben Boers (PI Gribnau R) <i>Retrospective analysis of gene expression</i>

12:00-17:00                      Open Discussions  
17:30-18:15                      Dinner

Chair:	Dorte Bohla (GI) and Bert-Jaap van Belle (R)
EVENING SESSION  18:30-21:30	Florian Finkernagel (PI Müller M) <i>Modeling metabolism in ovarian cancer</i>
	Eskeatnaf Mulugeta (PI Gribnau R) <i>Genome sequence of the Transcaucasian mole vole and the Northern mole vole</i>
	Stefanie Gärtner (PI Renkawitz-Pohl M) <i>Stage specific proteomics of the Drosophila testis</i>
	René Reiner Nötzold (PI Bauer M) <i>Novel targets of arginine methyltransferase PRMT6</i>
	Maria Mikropoulou (PIs Philipsen, van Dijk) <i>Screening of candidate γ-globin repressive proteins</i>
	Francesca Ferrante (PI Borggreffe GI) <i>RNA helicase Ddx5 and the noncoding RNA SRA act as coactivators in the Notch signaling pathway</i>

**Tuesday 26.2.2013**

08:00-09:00                      Breakfast

Chair:	Anna-Maria Krampitz (M) and Eskeatnaf Mulugeta (R)
MORNING SESSION  09:00-11:30	Caroline Bouchard (PI Bauer M) <i>PRMT4 is a novel coactivator of c-Myb-dependent transcription in haematopoietic cell lines</i>
	Adriana Jimenez (PI Dammann GI) <i>Genome-wide Methylation Profiling of Peripheral Lymphocyte-derived DNA from a Non Small Cell Lung Cancer Case-Control Study</i>
	Abdulkadir Abakir (PI Baarends R) <i>Regulation of chromatin structure during human and mouse spermatogenesis</i>
	Eve-Lyne Mathieu, (PI Brehm M) <i>The chromatin context of dMi-2 binding sites</i>
	Divine Kulu (PI Philipsen R) <i>Sp1/Sp3 transcription factors are essential for megakaryopoiesis</i>
	Olga Herdt (PI Suske M) <i>Identification of SUMO-dependent interactors of the transcriptional repressor L3MBTL2</i>

12:00-17:00                      Open Discussions  
17:30-18:15                      Dinner

**Tuesday 26.2.2013**

Chair:	René Reiner Nötzold (M) and Ileana Cantú (R)
EVENING SESSION 18:30-21:30	Maarten Paul (PI Houtsmuller R) <i>Single molecule localization microscopy revealing structure and mechanisms of DNA double strand break repair protein complexes</i>
	Lisa Dieterle (PI Schmitz GI) <i>Homeodomain-interacting protein kinase 2: mechanisms of chromatin recruitment and its role in muscle differentiation (part 1)</i>
	Markus Seibert (PI Schmitz GI) <i>Homeodomain-interacting protein kinase 2: mechanisms of chromatin recruitment and its role in muscle differentiation (part 2)</i>
	Joke van Bommel (PI Gribnau R) <i>The role of gene environment in the regulation of X-chromosome inactivation</i>
	Sirisha Cheedipudi (PI Dobрева BN) <i>Isl1 mediated epigenetic regulation in heart development</i>
	Ina Theofel (PI Rathke M) <i>The role of the bromodomain protein tBRD-1 during spermatogenesis</i>
	<b>PI meeting in the seminar room</b>

**Wednesday 27.2.2013**

08:00-09:00 Breakfast

Chair:	Stefanie Gärtner (M) and Joke van Bommel (R)
MORNING SESSION 09:00-11:30	Johan Brandsma (PI Poot R) <i>Transcription factor action in determining cell identity</i>
	Dorte Bohla (PI Renkawitz GI) <i>Identification of insulator cofactors and their interplay</i>
	Tamer Ali (PI Renkawitz GI) <i>Nucleosomal Modifications at Domain Boundaries</i>
	Sophie Kaiser (PI Renkawitz-Pohl M) <i>The ORF of Mst77F is required for translational repression of the corresponding mRNA</i>
	Angelina Georgieva (PI Braun/Zhou BN) <i>Molecular circuits controlled by Sirt6 during skeletal muscle stem cell differentiation and muscle fiber specification</i>
	Niels Galjart (R) <i>Functional analysis of murine CTCFL</i>

12:00-17:00 Open Discussions  
17:30-18:15 Dinner

Chair:	Ting Zhang (BN) and Erik Engelen (R)
EVENING SESSION 18:30-21:30	Joaquim Vong (PI Dobрева BN) <i>The role of Lamin B1 in Lung cancer development</i>
	Fabrizia Carofiglio (PI Baarends) <i>A role for DNA breaks in Meiotic Silencing</i>
	Judith Kreher (PI Brehm M) <i>Role of the ATP-dependent chromatin remodeler dMi-2 in the activation of ecdysone-dependent genes in Drosophila</i>
	Bert-Jaap van Belle (PI Houtsmuller, R) <i>DNA-DAMAGE SENSING BY THE XPC-COMPLEX: A MOLECULAR SWITCH IN THE DNA DAMAGE RESPONSE</i>
	Bastian Stielow (PI Suske M) <i>Genome-wide chromatin occupancy of the transcription factors Sp1 and Sp3</i>
	Gloria Terrados (PI Suske, Marburg) <i>Recruitment of the transcription factor Sp2 to promoters in vivo: breaking a dogma</i>

**Thursday 28.2.2013**

08:00-09:00

Breakfast

Chair:	Eve-Lyne Mathieu (M) and Johan Brandsma (R)
MORNING SESSION  09:00-11:30	Hojin Lee-Hold (PI Bartkuhn GI) <i>Computational analysis of higher-order chromatin structure by Hi-C</i>
	Dino Giaimo (PI Borggreffe GI) <i>Histone variant H2A.Z and the H2A.Z loader p400 regulate Notch target gene expression</i>
	Xiao Yu (PI Grosveld R) <i>Transcription factor complex formation during erythroid embryonic development</i>
	Stefanie Riedl (PI Bauer M) <i>The arginine methyltransferase PRMT6 regulates cell proliferation and senescence through transcriptional repression of tumor suppressor genes</i>
	Steffen Kiehl (PI Dammann GI) <i>DNA methylation dependent regulation of lung cancer specific genes</i>
	Erik Engelen (PI Poot R) <i>A search for novel transcription regulators in embryonic stem cells</i>

12:00-16:00

Open Discussions

16:00-17:30

Workshops on Perspectives

17:30-18:30

Dinner

19:00-20:00

Torch-light procession

20:00-late

Farewell party

**Friday 1.3.2012**

08:00-10:00

Breakfast and departure