

5th Winter School of the Collaborative Research Centre TRR81
“Chromatin Changes in Differentiation and Malignancies” Marburg-Giessen-Bad Nauheim-Rotterdam
at the Kleinwalsertal, February 22 – February 27, 2015

Sunday 22.2.2015 18:15 Dinner
 20:15 Ski Rental

Monday 23.2.2015 08:00-09:00 Breakfast

Chair:	Angelina Georgieva and Marti Quevedo
MORNING SESSION 09:00-11:30	Sjaak Philipsen <i>Welcome at the seminar room</i>
	Tobias Zimmermann (PI Bartkuhn G) <i>Efficient NGS data analyzes with Conveyer workflow engine</i>
	Ruben Boers (PI Gribnau R) <i>Retrospective analysis of gene expression</i>
	Hannah Berberich (PI Bauer M) <i>Molecular Characterization of the Interaction between PRMT4, Mi-2 and c-Myb in Hematopoietic Cells</i>
	Maria Mikropoulou (PI Philipsen, R) <i>Reactivation of the fetal γ-globin gene in adult erythropoiesis: screening for candidate γ-globin repressive proteins</i>
	Ikram Ullah (PI Brehm M) <i>dMi-2 and RNA</i>
	12:00-17:00 Open Discussions
	17:30-18:15 Dinner

Chair:	Ina Theofel and Ruben Boers
	Gaby Rijdsdijk (PI Gribnau R) <i>X chromosome deletions in all shapes and sizes</i>
	Ilona Vuist (PI Houtsmuller, R) <i>Transcription coupled repair and chromatin structure</i>
	Fan Wu (PI Braun/Zhou BN) <i>DNA modification in developing and adult heart</i>
	Rob Swenker (PI Nellist R) <i>Generation of TSC2 knock-out cell lines by CRISPR/CAS9-mediated genome engineering</i>
	Tim Hundertmark (PI Rathke M) <i>Chromatin changes in post-meiotic germ cell stages of Drosophila</i>
	Adna Omeragic (PI Gribnau R) <i>The function of lncRNAs in chromosome silencing: comparison between mammals and marsupials</i>

Tuesday 24.2.2015 08:00-09:00 Breakfast

Chair:	Andrea Enguita and Karim Bouazoune
MORNING SESSION 09:00-11:30	Igor Mačinković (PI Brehm M) <i>Characterization of CoREST complexes in Drosophila</i>
	Titia G Meijer (PI Umar R) <i>Elucidation of the role of Programmed cell death 4 in Estrogen Receptor positive breast cancer cell lines treated with 4-hydroxy-tamoxifen</i>
	Sara Völkel (PI Suske M) <i>Zinc finger independent genome-wide binding of Sp2 potentiates recruitment of histone-fold protein Nf-y distinguishing it from Sp1 and Sp3</i>
	Silvia Hoeboer (PI Philipsen, R) <i>Reactivation of fetal hemoglobin expression: functional analysis of candidate modifiers in vivo</i>
	Angelina Georgieva (PI Braun/Zhou BN) <i>Linking high order chromatin reorganization to stem cell homeostasis by H3K56ac and Sirt6</i>
	12:00-17:00 Open Discussions
	17:30-18:15 Dinner

Tuesday 24.2.2015

Chair:	Maria Mikropoulou and Jean Schneikert
EVENING SESSION 18:30-21:30	Estrellita Uijl (PI Hoorn R) <i>The role of Toll-like receptor 9 and cell-free mitochondrial DNA in a mouse model of hypertension</i>
	Ina Theofel (PI Rathke M) <i>The tBRD trio - regulators of a testis-specific transcription program</i>
	Andrea Enguita-Marruedo (PI Baarends, R) <i>Live imaging of histone removal in differentiating mouse spermatids</i>
	Peeyush Sahu (PI Bauer M) <i>Analysis of the genome-wide PRMT6 binding profile</i>
	Johan Slotman (PI Houtsmuller, R) <i>Revealing mechanisms in double stranded break repair during meiosis using nanoscopy</i>
	PI meeting in the seminar room

Wednesday 25.2.2015

08:00-09:00 Breakfast

Chair:	Ilona Vuist and Benedetto Giaimo
MORNING SESSION 09:00-11:30	Yanhan Jia (PI Dobрева BN) <i>The role of Lamin B1 in lung cancer</i>
	Ruben Dries (PI Huylebroeck R) <i>Transcriptional dynamics in a TGFbeta centric relational network during early neurogenesis</i>
	Markus Seibert (PI Schmitz G) <i>Identification and characterization of new histone phosphorylation sites</i>
	Azadeh Amirnasr (PI Wiemer R) <i>Clinical relevance of deregulated microRNAs in NF1-associated Malignant peripheral nerve sheath tumors</i>
	Francesca Ferrante (PI Borggreffe G) <i>Site-specific methylation of Notch1 by CARM1 controls amplitude and duration of the Notch1 response</i>

12:00-17:00 Open Discussions

17:30-18:15 Dinner

Chair:	Azadeh Amirnasr and Markus Seibert
EVENING SESSION 18:30-21:30	Johan Brandsma (PI Poot R) <i>Classifying transcription regulators in embryonic stem cells</i>
	Kristina Kovac (PI Brehm M) <i>Cancer relevant mutations in CHD4/Mi-2 mutants</i>
	Niels Galjart (PI R) <i>A fluOmic view of CTCF</i>
	Jean Schneikert (PI Stiewe M) <i>Exploring the sequence requirements of cis-regulatory genomic regions by multiplex CRISPR-ChIP</i>
	Joost Gribnau (PI R) <i>The sense of nonsense</i>
	Benedetto Daniele Giaimo (PI Borggreffe G) <i>A phospho-dependent mechanism controls a committed chromatin state at Notch target genes</i>

Thursday 26.2.2015

08:00-09:00 Breakfast

Chair:	Hannah Berberich and Ruben Dries
MORNING SESSION 09:00-11:30	Martí Quevedo (PI Poot, R) <i>Mediator and Super-Enhancers in Neural Stem Cells</i>
	Martin Schneider (PI Borggreffe G) <i>Mediator of Transcriptional Regulation in Notch Signaling</i>
	Mike Broeders (PI Pijnappel R) <i>Development of a stem cell-based therapy for mucopolysaccharidosis type VI</i>
	Amandine Charras (PI Braun/Zhou BN) <i>Chromatin organization and nuclear size control</i>
	Kerstin Wendt (PI R) <i>Cohesin-related developmental syndromes</i>
	Sjaak Philipsen <i>Closing remarks</i>

12:00-16:00 Open Discussions

16:00-17:30 Workshops on Perspectives

17:30-18:30 Farewell Dinner and events:

19:00-20:00 Torch-light procession

20:00-late Farewell party

Friday 27.2.2015

06:30-07:45 Breakfast and departure (Rotterdam participants)