

6th Winter School of the Collaborative Research Centre TRR81
“Chromatin Changes in Differentiation and Malignancies” Marburg-Giessen-Bad Nauheim-Rotterdam
at the Kleinwalsertal, February 21 – February 26, 2016

Sunday 21.2.2016 18:15 Dinner
 20:00 Ski Rental

Monday 22.2.2016 08:00-09:00 Breakfast

Chair:	Silvia Hoeboer and Francesca Ferrante
MORNING SESSION 09:00-11:30	Sjaak Philipsen <i>Welcome at the seminar room</i>
	Ruben Boers (PI Gribnau R) <i>MeD-seq, a novel method to detect genome wide DNA methylation</i>
	Joachim Boers, (PI Gribnau R) <i>MeD-seq, a novel method to detect genome wide DNA methylation</i>
	Guangshuai Jia (PI Braun BN) <i>Single cell transcriptomics reveals heterogeneity of the cardiac progenitor cells</i>
	Jente van Staalduinen (PI Grosveld R) <i>Pioneer transcription factors as key regulators of haematopoiesis</i>
	Jonathan Lenz (PI Brehm M) <i>Establishing CRISPR/Cas9 for genomic tagging of proteins in a Drosophila melanogaster cell line</i>
	Izampela Zampeta (PI Huylebroeck R) <i>A pair of Soxs for Zeb2: cross-talk among pluripotency network related transcription factors during epiblast pluripotency exit and neural commitment</i>

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

Chair:	Johan Slotman and Kristina Kovac
EVENING SESSION 18:30-21:30	Hegias Mira Bontenbal (PI Gribnau R) <i>Generation of an X Chromosome Reactivation mouse model</i>
	Peeyush Sahu (PI Bauer M) <i>Genome-wide binding of PRMT6 and histone modification signature in NT2/D1 cells</i>
	Chantal Voskamp (PI Gribnau R) <i>Single-cell analysis of heterozygous Rnf12 mice to study the regulation of X chromosome inactivation</i>
	Xiang Li (PI Braun BN) <i>Epigenetic regulation of cardiomyocyte proliferation and heart regeneration</i>
	Martijn Bogaerts (PI Philipsen R) <i>Finding a network profile for hemoglobin switching</i>
	Parysatis Sachs (PI Mermoud M) <i>Genome-wide analysis of the ATP-dependent remodeler SMARCAD1 and its impact on TFIIC function</i>

Tuesday 23.2.2016 08:00-09:00 Breakfast

Chair:	Sreya Basu and Rui Gao
MORNING SESSION 09:00-11:30	Malgorzata Sotomska (PI Borggreffe G) <i>Characterization of the polycomb group protein L3MBTL2 in Notch signaling</i>
	Laura Brückner (PI van Steensel A) <i>Context-dependent effects of HP1 assessed in high throughput by thousands of integrated reporters</i>
	Yanhan Jia (PI Dobrev BN) <i>The role of Lamin B1 in lung cancer migration and metastasis</i>
	Stefano Rivetti (PI Wendt R) <i>Epilepsy in Cornelia de Lange Syndrome</i>
	Andrea Nist (PI Stiewe M) <i>Widespread epigenetic activation of ΔNp73 in small cell lung cancer causes vulnerability to Tip60-p400 inhibition</i>
	Martí Quevedo (PI Poot, R) <i>Discovery of new factors MEDIATING transcription</i>

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

Tuesday 23.2.2016

Chair:	Joachim Boers and Igor Mačinković
EVENING SESSION 18:30-21:30	Francesca Ferrante (PI Borggreffe G) <i>HDAC3 as a positive modulator of Notch signaling</i>
	Aristea Magaraki (PI Baarends R) <i>Round spermatid injection rescues female lethality of a paternally inherited Xist deletion in mouse</i>
	Tim Hundertmark (PI Rathke M) <i>Chromatin interactors in post-meiotic germ cell development of Drosophila</i>
	Johan Slotman (PIs Houtsmuller R, Baarends R) <i>Revealing mechanisms in double stranded break repair during meiosis using nanoscopy</i>
	Rui Gao (PI Dobрева BN) <i>The role of Rnf20 in heart development</i>
	Jana Haas (PI Schmitz G) <i>Analysis of HIPK2-dependent gene regulation</i>
PI meeting in the seminar room	

Wednesday 24.2.2016 08:00-09:00 Breakfast

Chair:	Hegias Mira Bontenbal and Ina Theofel
MORNING SESSION 09:00-11:30	Eva Brinkman (PI van Steensel A) <i>Quantitative analysis of NHEJ fidelity and kinetics</i>
	Markus Seibert (PI Schmitz G) <i>Characterization of mitotic histone phosphorylation</i>
	Isabel Gordaliza Alaguero (PI Poot R) <i>Uncovering autism protein interaction networks in neural stem cells</i>
	Aleksandra Turkiewicz (PI Borggreffe G) <i>Characterization of the transcription factor RBP-J in mature T-lymphocytes</i>
	Teresa Robert Finestra (PI Gribnau R) <i>Gene dosage imbalance in cancer</i>
Kristina Kovac (PI Brehm M) <i>Cancer relevant mutations in CHD4/Mi-2 mutants</i>	

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

Chair:	Aristea Magaraki and Tim Hundertmark
EVENING SESSION 18:30-21:30	Esther Sleddens-Linkels (PI Baarends R) <i>Pericentric heterochromatin in murine Primordial Germ Cells (PGCs)</i>
	Ina Theofel (PI Rathke M) <i>The epigenetic readers tBRD-1 and tBRD-2 cooperate to guarantee transcription of a defined set of genes in spermatocytes</i>
	Silvia Hoeboer (PI Philipsen R) <i>Reactivation of fetal hemoglobin expression: functional analysis of candidate modifiers in vivo</i>
	Dong Ding (PI Mermoud M) <i>ATP-Dependent Chromatin Remodeling in Pluripotency: the SMARCAD1 interactome</i>
	Nuo Yu, (PI Galjart R) <i>Induced Pluripotent Stem-Cell Models for Cardiac Disease</i>
	Ilona Vuist (PIs Houtsmuller R, Verschure A) <i>UV-induced transcription stalling and transcript decay</i>

Thursday 25.2.2016 08:00-09:00 Breakfast

Chair:	Ilona Vuist and Xiang Li
MORNING SESSION 09:00-11:30	Meneka Rupasinghe (PI Verrijzer R) <i>Determination of instrumental subunits of the ATP-dependent NuRD chromatin remodelling complex during myogenic differentiation</i>
	Carolin Witte (PI Bauer M) <i>Characterization of PRMT6 knock-out MEFs</i>
	Guillaume Giraud (PI Grosveld R) <i>FLI-1 and the LDB1 complex: A group of friends playing together during erythroleukemia</i>
	Bastian Stielow (PI Suske M) <i>Targeting mechanisms of the non-canonical Polycomb repressive complex PRCI.6</i>
	Sreya Basu (PI Galjart R) <i>A novel role for dynamic MTs in ES cell maintenance</i>
	Igor Mačinković (PI Brehm M) <i>CoREST complexes in Drosophila</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 26.2.2016 06:30-07:45 Breakfast and departure (Rotterdam participants)