

2nd Chromatin Symposium 2013 in Egmond aan Zee

02.09.2013

15:00 arrival time, check in - Hotel, Registration

16:00 Welcome, Introduction

		HISTONE METHYLATION
16:15	Ali Shilatifard	Enhancer marking and regulation during development and in disease
16:40	Gunnar Schotta	Regulation of heterochromatin by histone methyltransferases
17:05	Robert Schneider	Novel modifications - novel players in chromatin function

17:30 **Coffee**

		EPIGENETIC INHERITANCE
18:00	Anja Groth	Chromatin replication and epigenome maintenance
18:25	Renato Paro	Epigenetic memory in regeneration and cancer
18:50	Yang Shi	A histone methylation network regulates transgenerational epigenetic inheritance

19:30 **Dinner buffet**

21:00 **Postersession - open end**

03.09.2013

		NUCLEOSOME RECOGNITION: MECHANISMS AND STRUCTURES
09:00	Christoph Müller	Recruitment mechanisms of <i>Drosophila</i> Polycomb group complexes
09:25	Song Tan	Molecular recognition of the nucleosome by chromatin enzymes and factors
09:50	Wolfgang Fischle	Molecular mechanisms of histone methylation readout

		EARLY DEVELOPMENT AND IMPRINTING
10:15	Anne Ferguson-Smith	The role of the KRAB-zinc finger protein ZFP57 in the establishment and maintenance of epigenetic states at imprints
10:40 Coffee		
11:00	Maria-Elena Torres-Padilla	Establishment of pericentromeric heterochromatin in development
11:25	Eran Meshorer	A library of endogenously tagged fluorescent proteins in embryonic stem cells reveals a linker histone chaperone involved in pluripotency and differentiation

		DNA METHYLATION
11:50	Sriharsa Pradhan	Methyl-lysine switch enables PHF20L1 to shield DNMT1
12:15 Lunch		
14:00	Jörn Walter	DNA-methylation reprogramming - a new twist in the tale
14:25	Guo-Liang Xu	Roles of oxidative DNA demethylation in development and reprogramming

14:50	Yuri	Moshkin	GENOME-WIDE REGULATION OF CHROMATIN Nucleosome positioning by ATP-dependent chromatin remodelers
15:15	Coffee		
15:45	Tom	Owen-Hughes	Structural and functional studies of chromatin organising enzymes
16:10	Kerstin	Wendt	The roles of cohesin and CTCF for shaping the chromatin fiber

16:35	Eileen	Furlong	ORGANISING CHROMATIN IN THE NUCLEAR SPACE A temporal view of three-dimensional enhancer interactions during embryonic development
17:00	Bas	van Steensel	Nuclear lamina - genome interactions in single cells
17:25	Rainer	Renkawitz	Chromatin insulation: Beyond chromatin looping

18:15 **Dinner buffet**

04.09.2013

09:00	Peter	Becker	CHROMATIN REGULATION OF SEX CHROMOSOMES AND GAMETES Regulation of biogenesis and homeostasis of the male-specific-lethal complex in <i>Drosophila melanogaster</i>
09:25	Joost	Gribnau	Activation of X inactivation
09:50	Renate	Renkawitz-Pohl	From histones to protamines to fertile sperm: conserved histone modifications are required for histone depletion and protamine deposition at a stage sensitive to bacterial infections in mammals
10:15	Coffee		
10:45	Sophie	Rousseaux	Genome-wide re-organizers of the male genome guided by histone post-translational modifications

11:10	Irwin	Davidson	CELL-TYPE SPECIFIC CHROMATIN REGULATION The TFIID subunit TAF4 is essential for postnatal hepatocyte development by regulating preinitiation complex formation, RNA polymerase II pausing, and promoting HNF4a occupancy of functional sites
11:35	Michael	Kracht	Regulation of inflammatory genes by nuclear signaling networks
12:00	Stephen	Smale	Role of chromatin in a pro-inflammatory transcriptional cascade

12:30 **Lunch**

13:30	Genevieve	Almouzni	DNA DAMAGE AND GENOME STABILITY Chromatin assembly from nucleosome to heterochromatin : The issue of DNA damage
13:55	Adriaan	Houtsmuller	Localising single DNA repair molecules inside double strand break foci
14:20	Gary	Karpen	Chromatin regulation of genome stability

14:45	Tom	Misteli	CONCLUDING TALK Chromatin and alternative pre-mRNA splicing
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15:30 End of Symposium