

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**

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			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	<i>Yuri</i>	<i>Moshkin</i>	GENOME-WIDE REGULATION OF CHROMATIN Nucleosome positioning by ATP-dependent chromatin remodelers
15:15	Coffee		
15:45	<i>Tom</i>	<i>Owen-Hughes</i>	Structural and functional studies of chromatin organising enzymes
16:10	<i>Kerstin</i>	<i>Wendt</i>	The roles of cohesin and CTCF for shaping the chromatin fiber
16:35	<i>Eileen</i>	<i>Furlong</i>	ORGANISING CHROMATIN IN THE NUCLEAR SPACE A temporal view of three-dimensional enhancer interactions during embryonic development
17:00	<i>Bas</i>	<i>van Steensel</i>	Nuclear lamina - genome interactions in single cells
17:25	<i>Rainer</i>	<i>Renkawitz</i>	Chromatin insulation: Beyond chromatin looping
18:15	Dinner buffet		
04.09.2013			
09:00	<i>Peter</i>	<i>Becker</i>	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	<i>Joost</i>	<i>Gribnau</i>	Activation of X inactivation
09:50	<i>Renate</i>	<i>Renkawitz-Pohl</i>	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	<i>Sophie</i>	<i>Rousseaux</i>	Genome-wide re-organizers of the male genome guided by histone post-translational modifications
11:10	<i>Irwin</i>	<i>Davidson</i>	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	<i>Michael</i>	<i>Kracht</i>	Regulation of inflammatory genes by nuclear signaling networks
12:00	<i>Stephen</i>	<i>Smale</i>	Role of chromatin in a pro-inflammatory transcriptional cascade
12:30	Lunch		
13:30	<i>Genevieve</i>	<i>Almouzni</i>	DNA DAMAGE AND GENOME STABILITY Chromatin assembly from nucleosome to heterochromatin : The issue of DNA damage
13:55	<i>Adriaan</i>	<i>Houtsmuller</i>	Localising single DNA repair molecules inside double strand break foci
14:20	<i>Gary</i>	<i>Karpen</i>	Chromatin regulation of genome stability
14:45	<i>Tom</i>	<i>Misteli</i>	CONCLUDING TALK Chromatin and alternative pre-mRNA splicing
15:30 End of Symposium			