



Chromatin and Systems Biology Spetses Summer School

Anargyrios & Korgialenios School
Spetses Island, Greece

Programme

30 Aug – 05 Sep 2013

		Mornings	Afternoons	Evenings
August	Fri 30 th		Registration	Welcome Buffet Opening Night
	Sat 31 st	Session One	Discussions Posters	Session Two Dinner Groups
September	Sun 1 st	Session Three	Discussions Posters	Session Four Dinner Groups
	Mon 2 nd	Session Five	Afternoon Cruise	Session Six Dinner Groups
	Tue 3 rd	Session Seven	Discussions Posters	Session Eight Dinner Groups
	Wed 4 th	Session Nine	Beach Day Farewell Dinner	
	Thu 5 th	Depart		



www.nucleosome4d.net/spetses



Chromatin and Systems Biology

Spetses Summer School

2013 Programme

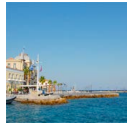
Friday 30th August

On Arrival:		- REGISTRATION -
17:30		Welcome Buffet
19:00		Opening Address
19:30	Danny Reinberg	The Ups and Downs of Mammalian Polycomb Complexes Mediated Regulation of Gene Expression

Saturday 31st August

		Session One
09:00 – 10:00	Luciano Di Croce	Dissecting the role of Polycomb in ES cell and cancer
10:00 – 11:00	Imre Boros	ADA contributions to SAGA complexity
		- BREAK -
11:45 – 12:05	* Kirin Padmanabhan	Dynamic transcriptional and epigenetic control of the mammalian circadian clock
12:05 – 12:25	* Anna Brestovitsky	The role of H2A.Z-nucleosomes in regulating the ambient temperature response in <i>Arabidopsis thaliana</i>
12:30 – 13:30	Bryan Turner	Chromatin-based mechanisms by which cells defend themselves against epigenetic drugs and other environmental toxins
		- LUNCH -
15:00		Discussion Time
16:30		Poster Display
		Session Two
18:00 – 19:00	Paul Flicek	The evolution of transcriptional regulation
19:00 – 20:00	Michiel Vermeulen	Quantitative interaction proteomics for epigenetics

* Chosen from Abstracts



Sunday 1st September

Session Three		
09:00 – 10:00	Brian Hendrich	Transcriptional control of stem cell fate: when a "repressor" isn't
10:00 – 11:00	Antoine Peters	Epigenetic Control of Mammalian Germ Line and Early Embryonic Development
- BREAK -		
11:45 – 12:05	* Bianca Schmitt	Expression of tRNA genes during mouse development
12:05 – 12:25	* Nikolaos Parisis	Cell cycle-regulated chromatin control by a novel histone phosphorylation
12:30 – 13:30	Caroline Hill	Signalling by TGF-beta superfamily ligands to the epigenome

- LUNCH -

15:00	Discussion Time	
16:30	Poster Display	

Session Four		
18:00 – 19:00	Petra Hajkova	Epigenetic reprogramming in mouse development
19:00 – 20:00	Axel Imhof	Chromatin and the formation of species

* Chosen from Abstracts

Monday 2nd September

Session Five		
09:00 – 10:00	Michelle Arbeitman	Male-specific Fruitless isoforms have different regulatory roles conferred by distinct zinc finger DNA binding domains
10:00 – 11:00	Marc Rehmsmeier	Computational studies of epigenetic regulatory elements

- AFTERNOON CRUISE & LUNCH -

Session Six		
18:00 – 19:00	Juanma Vaquerizas	Computational approaches to study epigenetic regulation: <i>Drosophila</i> dosage compensation as a model system
19:00 – 20:00	Bartek Wilczynski	Do we need computational models of chromatin state?



Tuesday 3rd September

Session Seven		
09:00 – 10:00	David Arnosti	Global chromatin transitions show context-specific and universal aspects of transcriptional repression in <i>Drosophila</i>
10:00 – 11:00	Jürg Müller	Molecular mechanisms of the Polycomb/trithorax system
- BREAK -		
11:45 – 12:05	* Simone Ecker	Epigenetic studies of aging and the effect of changing cell type distributions
12:05 – 12:25	* Tamas Schauer	CAST-ChIP Maps Cell-type-specific Chromatin States in the <i>Drosophila</i> Nervous System
12:30 – 13:30	Reini Luco	Beyond DNA: the role of epigenetics in the regulation of pre-mRNA alternative splicing
- LUNCH -		
15:00		Discussion Time
16:30		Poster Display

Session Eight		
18:00 – 19:00	Marco Bianchi	Genome-wide variation in nucleosome number
19:00 – 20:00	Leonie Ringrose	What are memories made of? Molecular mechanisms of epigenetic memory mediated by the Polycomb and Trithorax group proteins

* Chosen from Abstracts

Wednesday 4th September

Session Nine		
09:00 – 10:00	Jesper Svejstrup	Transcription-associated genome instability
10:00 – 11:00	Manolis Papamichos-Chronakis	Chromatin remodeling links nuclear proteostasis to genome stability
- BREAK -		
11:45 -12:05	* Hanneke Vlaming	Ubiquitin tethers on the nucleosome can substitute in trans for dynamic H2B ubiquitination in histone crosstalk and DNA damage response
12:05 – 12:25	* Stephan Baumgaertner	Systems biological modelling of the dynamics of transcriptional initiation
12:30 – 13:30	Gerald Crabtree	Chromatin Regulation: New Concepts and Methods
- LUNCH -		
- BEACH DAY -		
20:00		Farewell Dinner

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