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ESF Research Conferences

A Programme of the European Science Foundation

Final
Programme

ESF-Wellcome Trust Conference

Signalling to Chromatin

Epigenetics

Wellcome Trust Genome Campus • Hinxton • United Kingdom • 5-9 June 2006

Chair: Patrick Varga-Weisz • Babraham Institute, Cambridge, UK

Vice-Chair: Martin Turner • Babraham Institute, Cambridge, UK

Organising Committee: Nullin Divecha • Nederlands Kanker Instituut (NKI) Amsterdam, NL –
Anjana Rao • Harvard Medical School, Boston, US

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With support from

The Babraham Institute



Monday 5 June	16.00-19.30	Registration at ESF-RC desk	
	19.30	Dinner	
	21.00	Welcome Drink	
Tuesday 6 June	09.00	Conference Opening Chair: Patrick Varga-Weisz • Babraham Institute, UK	
	Session 1 • Signalling to nucleosomes I Chairs: Patrick Varga-Weisz • Babraham Institute, UK - Bryan Turner • University of Birmingham, UK		
	09.00-09.30	Louis C. Mahadevan • Oxford University, UK	<i>Dynamic acetylation of K4-methylated histone H3: implications for gene induction</i>
	09.30-9.45	Pierangela Sabbatini • MRC Clinical Sciences Center, London, UK	<i>Formation of facultative heterochromatin during plasma cell differentiation</i>
	09.45-10.15	Miguel Beato • Centre de Regulacio Genomica, Barcelona, ES	<i>Steroid hormone signaling to chromatin</i>
	10.15-10.45	Coffee break	
	10.45-11.15	Yang Shi • Harvard Medical School, US	<i>Regulation of histone methylation by demethylases</i>
	11.15-11.30	Paul Cloos • University of Copenhagen, DK	<i>GASC1 demethylates tri- and di-methylated lysine 9 on histone H3</i>
	11.30-12.00	Alexander Tarakhovsky • The Rockefeller Univ., US	<i>Non-histone protein lysine methylation</i>
	12.00-12.30	Bryan Turner • University of Birmingham, UK	<i>Searching high and low for an epigenetic code</i>
	12.30-14.30	Lunch (<i>Poster placement</i>)	
	Session 2 • Signalling to nucleosomes II Chair: Bryan Turner • University of Birmingham, UK		
	14.30-15.00	Stephen Jackson • Gurdon Institute, Cambridge, UK	<i>Modulation of chromatin structure in response to DNA damage</i>
	15.00-15.30	Haico Van Attikum • F. Miescher Inst., Basel, CH	<i>Chromatin dynamics at a chromosomal DNA ds break in S. cerevisiae</i>
	15.30-15.45	Cristina Chioda • LMU University of Munich, DE	<i>Site-specific acetylation defines an embryonic form of ISWI associated with mitotic chromatin</i>
	15.45-16.00	Patrick Varga-Weisz • Babraham Inst, Cambridge, UK	<i>Ubiquitination and chromatin remodelling</i>
	16.00-16.30	Coffee break	
	16.30-16.45	Andrew R. Bassett • LMB, Cambridge, UK	<i>SUMOylation and Chromatin Remodelling in Drosophila</i>
	16.45-17.00	Shenhsi Yang • University of Manchester, UK	<i>Identification of an extended SUMO consensus motif</i>
	17.00-17.15	Shweta Hakre • Tufts Univ. Sch. of Medicine, US	<i>Growth factor mediated gene regulation by TFII-I</i>
	17.15-17.45	Erin O'Shea • Harvard University, US	<i>Cellular Nutrient Homeostasis</i>
18.00-19.30	Dinner		
19.30 – 22.00	Poster viewing session / Bar		

Wednesday 7 June	Session 3 • Signalling to chromatin in development Chairs: Anjana Rao • Harvard Medical School, US - Martin Turner • Babraham Institute, UK	
	09.00-09.30	Yehudit Bergman • Hebrew Uni. Medical School, Jerusalem, IL <i>Epigenetic shut-down of Oct-3/4</i>
	09.30-10.00	Meinrad Busslinger • Inst. of Molecular Pathology, Vienna, AT <i>Transcriptional control of B cell identity by Pax5</i>
	10.00-10.30	Richard Festenstein • Imperial College London, UK <i>Position and sequence dependence of chromatin modifiers in vivo in mammals</i>
	10.30-11.00	Coffee break
	11.00-11.30	Dimitris Kioussis • NIMR., London, UK <i>Gene Regulation during thymocyte differentiation</i>
	11.30-12.00	Noel J. Buckley • University of Leeds, UK <i>Transcriptional programs and neuronal gene expression</i>
	12.00-12.30	John Sedivy • Brown University, Providence, US <i>tba</i>
	12.30-14.00	Lunch
	14.30-15.00	Anjana Rao • Harvard Medical School, US <i>Transcriptional mechanisms in immune cells</i>
	15.00-15.15	Sin-Hyeog Im • Gwangju Inst. Science & Technol, KR <i>Dynamic changes in chromatin remodeling and histone modifications in IL-10 locus during T helper cell differentiation</i>
	15.15-15.45	Anne Corcoran • Babraham Institute, Cambridge, UK <i>Regulation of V(D)J recombination by non-coding RNA transcription</i>
	15.45-16.15	Coffee break
	16.15-16.45	Michael Pazin • National Inst. of Aging , Baltimore, US <i>BRG1 regulates T-helper Differentiation Gene Expression</i>
	16.45-17.15	Joan Boyes • University of Leeds, UK <i>Acetylation and MAPK phosphorylation co-operate to regulate the degradation of active GATA-1</i>
	17.15-17.45	Margie Oettinger • Massachusetts General Hospital, US <i>Programmed DNA rearrangement in immune system development: regulating access and outcomes</i>
	18.00-19.30	Dinner
19.30-22.00	Poster viewing session / Bar	

Thursday 8 June	Session 4 • Signalling to Genes Chair: Peter Fraser • Babraham Institute, UK	
	09.00-09.30	Peter Fraser • Babraham Institute, UK <i>Chromatin dynamics and transcriptional induction</i>
	09.30-10.00	Richard Flavell • Yale School of Medicine, US <i>Interchromosomal interactions: Positive and Negative regulators of gene expression</i>
	10.00-10.30	Denise Sheer • Cancer Research UK, London <i>Signalling to large-scale chromatin architecture in the MHC</i>
	10.30-11.00	Coffee break
	11.00-11.30	Adam West • University of Glasgow, UK <i>The barrier protein BGP1 mediates protection from de novo DNA methylation</i>
	11.30-12.00	Rudolf Grosschedl • Max-Planck Inst., Freiburg, DE <i>Transcription Factors, Nuclear Architecture and Development</i>
	12.00-13.00	Lunch

	13.30-15.00	Poster viewing session	
	15.00-18.00	Excursion	
	18.30-19.00	Pre-dinner drink	
	19.00-20.30	Dinner	
	20.30-?	Party (Ceilid dancing)	
Friday 9 June	Session 5 • Signalling to the nucleus		
	Chair: Nullin Divecha • Nederlands Kanker Instituut (NKI) Amsterdam, NL		
	09.00-09.30	Marco E. Bianchi • San Raffaele University, IT	<i>A hyper-dynamic turnover of NF-κB on chromatin</i>
	09.30-10.00	Jeffrey E. Kudlow • Univ. of Alabama, US	<i>O-GlcNAc in Transcriptional Repression of Genes</i>
	10.00-10.30	Coffee break	
	10.30-11.00	John York • Duke Univ. Medical Center, US	<i>Inositol Polyphosphate Kinase Dependent Regulation of Gene Expression and Organism Development</i>
	11.00-11.15	George A. Follows • CIMR, Cambridge Univ., UK	<i>Identifying Gene Regulatory elements by genomic microarray mapping of Dnase I hypersensitive sites</i>
	11.15-11.30	Shaun Cowley • Sanger Institute, UK	<i>Histone modifications controlling cellular function</i>
	11.30-12.00	Nullin Divecha • Nederlands Kanker Instituut, NL	<i>tba</i>
	12.00	Lunch and departure	

Abstracts, posters and short talks:

There will be no **short talks** other than those announced on the programme.

All other abstracts are accepted as **posters**.