



RESEARCH CONFERENCES

ESF-EMBO Symposium

Epigenetics in Context: From Ecology to Evolution

Hotel Eden Roc, Sant Feliu de Guixols (Costa Brava) • Spain
18-23 September 2011

Chair: **Vincent Colot**, Ecole Normale Supérieure Paris, FR
Co-Chair: **Oliver Bossdorf**, University of Bern, CH

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With support from



LIST OF ACCEPTED POSTERS

	Surname	First Name	Poster Title
1	Ariel	Federico Damian	Long npcRNAs in the control of root developmental plasticity in Arabidopsis
2	Bar	Amir	Learning Dynamical Parameters of DNA Methylation in a cell population going through a cancer-like evolution process
3	Bourbousse	Clara	Fine-tuning of gene expression in light-driven developmental adaptations through histone H2B ubiquitination
4	Corrêa	Daniel	A study on genetic and epigenetic variation behind wing shape in Drosophila melanogaster
5	Crean	Angela	Non-genetic inheritance of male condition: there's more to paternal effects than 'like father like son'
6	Creasey	Kate	Role of RDR6 in the origin of epialleles in Arabidopsis
7	Dubin	Manu	Towards epigenome-wide association studies to explore genome:epigenome:environment:phenotype interactions

8	Duroy	Pierre-Olivier	Distribution and conservation of banana streak virus within the banana <i>Musa balbisiana</i> genome: what impact on host and virus evolution?
9	Eggert	Hendrik	Trans-generational immune priming in the red flour beetle, <i>Tribolium castaneum</i>
10	Finke	Andreas	Genetic analysis of RNA-directed transcriptional gene silencing in <i>Arabidopsis thaliana</i>
11	Fulnecek	Jaroslav	Inhibition of SAH-hydrolase activity induced by treatment of tobacco seeds by DHPA during germination leads to mitotically heritable DNA hypomethylation, ectopic expression of floral genes and floral whorl malformations
12	Furrow	Robert	Environment-sensitive epigenetics and the heritability of phenotypes
13	Gibert	Jean-Michel	The Polycomb group gene <i>Cramped</i> contributes to environmental canalization
14	Gómez-Díaz	Elena	CpG DNA methylation in <i>Culex pipiens</i> : Insights into the role of epigenetics in vector-borne parasite systems
15	Gomez-Mestre	Ivan	Role of developmental plasticity in adaptive divergence of spadefoot toads
16	Groot	Astrid	How plastic is sexual attraction in moth chemical communication?
17	Gutierrez Triana	Jose Arturo	Approaches to analyze the gene transcription dynamics of the HPA axis during development and under stress
18	Haag	Karen Luisa	Highly reduced levels of polymorphism in a microsporidian parasite imply the role of epigenetic factors in local adaptation
19	Hebrard	Claire	Variations of DNA methylation during vernalization affect genes encoding new enzymatic activities involved in bolting induction in both sugar beet and <i>Arabidopsis</i>
20	Hessenberger	Daisy Sophia Innes	Small RNAs and Hybridization in <i>Chlamydomonas</i>
21	Hirsch	Sibylle	Linking changes in pollination syndromes to epigenetic processes in <i>Mimulus aurantiacus</i>
22	Hu	Jinyong	A new layer of epigenetic variation mediates the life history of <i>Arabidopsis thaliana</i>
23	Inácio	Angela	Looking for genome-wide epigenetic signals in the different genomic environments of the <i>Squalius alburnoides</i> complex
24	Isaksson	Caroline	Ecological epigenetics in wild birds
25	Ivanov Kacevska	Maxim Marina	The use of Agilent SureSelect Target Enrichment system for targeted next-generation sequencing of bisulfite-converted DNA
26	Kraaijeveld	Ken	Epigenetic modifications involved in wolbachia-induced parthenogenesis
27	Lafon-Placette	Clement	Methylome of non-condensed chromatin in poplar: a new approach to study relationships between DNA methylation and chromatin organization
28	Lampeï	Christian	Large-scale screening of natural epigenetic variation in a broad European collection of <i>A. thaliana</i>
29	Lepesant	Julie M.j.	Changes in the epigenome of a human parasite during experimental adaptive evolution
30	Malinska	Hana	Similar evolutionary aspects in natural and synthetic <i>Tragopogon</i> allotetraploids
31	Mar	Sobral	Context dependence of epigenetic inheritance. Herbivore- induced defenses in <i>Raphanus sativus</i>

32	Martin	Antoine	Testing the establishment and stability of environmentally induced adaptive epigenetic memory in Arabidopsis
33	Morandin	Claire	Epigenetic regulation and variation in caste specific gene expression patterns in Ants
34	Moreno-Romero	Jordi	Epigenome changes in the Arabidopsis endosperm in response to interploidy hybridizations
35	Muino	Jose M	PRI-CAT: a web-tool for the analysis of plant ChIP-seq experiments
36	Nishiguchi	Michele Kiyoko	Determining the balance between environment and host: conflict and cooperation between sepiolid squids and their Vibrio symbionts
37	Nygaard	Sanne	The genome of the leaf-cutting ant Acromyrmex echinator
38	Preite	Veronica	Natural epigenetic variation in apomictic dandelion lineages
39	Rabanal	Fernando	Genome Size Variation in Arabidopsis thaliana
40	Robertson	Amanda	Is epigenetic variation a pre-adaptive mechanism for tree response to climate change?
41	Robinson	Katie	Evidence for Widespread Genomic Methylation in the Migratory Locust, Locusta migratoria (Orthoptera: Acrididae)
42	Sailer	Christian	Apomictic fertility changes in apomictic offspring
43	Smith	Tracy	A Comparison of Genetic and Epigenetic Structure and Diversity in Natural Populations of a North American Stream Fish (Etheostoma olmstedii)
44	Travica	Sandra	Epigenetic Regulation of Cytochrome P450 2W1 (CYP2W1) in Cancer
45	Van Gorp	Thomas Pieter	Epigenotyping by Sequencing -- Unleashing the power of Next Generation Sequencing for non-model species
46	Weyrich	Alexandra	Histone Modifications in the Male Germ Line of Drosophila
47	Zhang	Yuanye	Epigenetic variation can cause heritable variation in complex traits and phenotypic plasticity