

Meeting "Chromosomes, Stem Cells and Disease"

20-21 September 2012

CRG Barcelona

LIST OF ACCEPTED POSTERS

Title	Author(s)
Effect of Dyrk1a dose-reduction on self-renewal and differentiation potentials of cortical embryonic progenitors.	<u>Elisa Balducci</u> , María José Barallobre, Sonia Najas, Agustín Fernández, Mario F. Fraga, Maria L. Arbonés.
Overcoming the epigenetic barrier during reprogramming to pluripotency	<u>Barrero MJ</u> , Sese B, Bilic J, Boue S, Martí M, Izpisua-Belmonte JC.
The Three-Dimensional Architecture of a Bacterial Genome	<u>Baù D</u> , Marti-Renom, et al
MacroH2A: differentiation and transformation of adult stem cells	<u>Cantariño N</u> , Douet J, Creppe C, Valero V, Musulén E and Buschbeck M
DNA methylation landscape during muscle-lineage commitment and terminal differentiation	<u>Elvira Carrió</u>
A novel mechanism for the regulation of stem cell chromatin mediates pluripotency and reprogramming	<u>M. A. Christophorou</u> , G. Castelo-Branco, R. Halley-Stott, C. Slade Oliveira, R. Loos, M. Lund Nielsen and T. Kouzarides
The histone variant macroH2A regulates the commitment of embryonic and adult stem cells.	<u>C. Creppe</u> , N. Cantariño, P. Janich, V. Valero, L. Di Croce, S.A. Benitah and M. Buschbeck
Linking ZRF1 with retinoic acid pathway in the regulation of transcription and differentiation of leukemic cells	<u>Santiago Demajo</u> , Iris Uribealago, and Luciano Di Croce
Regional chromatin regulation in cell differentiation and cancer: the LRES story	<u>Marta Forn</u> , Mar Muñoz, Anna Merlos-Suárez, Veronica Rodilla, Anna Bigas, Eduard Batlle, Miquel A. Peinado.
JMJD3 demethylase regulates neural development by cooperating with TGFβ and BMP signaling pathways	<u>Raquel Fueyo</u> , <u>Alejandra Garcia</u> , Conchi Estaràs, Naiara Aquizu, and Marian Martínez-Balbás
Understanding the role of Aurora kinases in pluripotency	<u>Alejandra González</u> , Marianna Trakala and Marcos Malumbres
The epigenetic landscape of Alu repeats in cell differentiation and cancer	<u>Mireia Jordà</u> , Sergi Lois, Anna Díez, Berta Martín, Víctor Barrera, Miguel A. Peinado
Improvement of human primary fibroblast reprogramming into induced pluripotent stem cells using polycistronic retrovirus vector	<u>Laura Jung</u> , Philippe Tropel, Yohann Moal, Cécile André, Pascale Bouillé, Stéphane Viville
CTCF-mediated transcriptional regulation through cell type-specific chromosome organization in the β-globin locus	<u>I. Junier</u> , R. Dale, C. Hou, F. Képès and A. Dean
Spatial proximity and similarity of the epigenetic state of genome domains	<u>Khrameeva EE</u> , Mironov AA, Fedonin GG, Khaitovich P, Gelfand MS
VRK1 is an upstream nucleosomal kinase required for the assembly of 53BP1 foci in response to ionizing radiation-induced DNA dam	Marta Sanz-García, Diana M. Monsalve, Ana Sevilla and <u>Pedro A. Lazo</u>
Chromosomal and chromatin landscapes in progesterone induced transcription	<u>François Le Dily</u> , Giancarlo Castellano, Laura Gaveglia, Davide Bau, Cecilia Ballare, Guillermo Vicent, Marc Marti-Renom

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Study of the Role of Tex19 in the Development of Germinal Cells and their Pluripotency	<u>Mayada Achour</u> , Yara Tarabay, Marius Teletin, Stéphane Viville
Characterization of quiescent cancer stem cells in HNSCC	<u>Mejetta Stefania</u> , Salvador Aznar Benitah
Dissecting the retinoid-induced differentiation of embryonal stem cells by integrative genomics	Marco Antonio Mendoza-Parra and Hinrich Gronemeyer
Use of mammalian artificial chromosome in gene therapy	<u>Mikítová V.</u> , Asensio V., Muñoz A., Galvez V., Bachiller D.
Control of ground state pluripotency by allelic regulation of Nanog	Yusuke <u>Miyanari</u> and Maria-Elena Torres-Padiella
Ten Eleven translocation proteins link the O-linked N-acetylglucosamine transferase Ogt to chromatin	Pietro Vella, Andrea Scelfo, Sri Jammula Ganesh, Fulvio Chiacchiera, Alessandro Cuomo, Kristine Williams, Alessandra Roberto, Jesper Christensen, Tizina Bonaldi, Kristian Helin and Diego Pasini
The interplay of metabolic and epigenetic mechanism regulating myogenic differentiation and skeletal muscle regeneration	<u>Melanija Posavec</u> , Vanesa Valero, H�elene Delage, Philippe Bouvet, Oscar Yanes, Monica Suelves and Marcus Buschbeck
The role of structural maintenance complexes in interphase chromatin structure and gene regulation	<u>Schwarzer W.</u> , Bertone P, Haering CH, Spitz F
BEND3, a novel interactor of Deubiquitinase USP21	<u>Sophia Teichmann</u> , Luciano Di Croce
The three-dimensional genome conformation of Mycoplasma pneumoniae	<u>Trussart M.</u> , Ba� D. , Marti-Renom M.A., Yus E., Serrano L.
Identification of early and late enhancers in the Irx3-5-6 cluster during the differentiation of embryonic stem cells into the n	<u>Taro Tsujimura</u> , Katja Langenfeld, Ben Martynoga, Tino Hocheppied, Claude Libert, Fran�ois Guillemot, Fran�ois Spitz