

7TH STEM CELL CLONALITY AND GENOME STABILITY RETREAT

Immediately prior to the Collaborative Congress of the European and Spanish Societies of Gene and Cell Therapy.



Thursday, October 24th
15.00-20.00:

Genomics and Gentoxicity Platforms

Fredric Bushman: *Methods for Analyzing Integration Site Distributions and Results from Recent Trails*

Eugenio Montini: *The Ying and the Yang of Vector Insertional Mutagenesis*

Ute Modlich: *Genotoxicity in Preclinical Mouse Models*

Manfred Schmidt: *Gene Therapy Vector Persistence, Stability, and Integrome Analyses in the Age of Next Generation Sequencing*

Stem Cells and Progeny

Hans-Peter Kiem: *Hematopoietic Stem Cell Gene Therapy for HIV/AIDS*

Elena Almarza: *Preclinical Studies for the Gene Therapy of LAD-I*

Christopher Baum: *Spontaneous and Induced Clonal Dominance*

David Williams: *BCL11A Modulation in SCD*

Manuel Grez: *Improved Gene Transfer Into Repopulating HSCs by Targeting CD133+ Cells*

Friday, October 25th
8.30-13.50:

Thymus, T Cells, and Immunodeficiency

Bobby Gaspar: *Lentiviral Vector Mediated Gene Therapy for ADA-SCID*

Adrian Thrasher: *Update on SCID-X1 Gene Therapy*

Alessandro Aiuti: *Lentiviral Vector HSC Gene Therapy for WAS*

Hans Reimer Rodewald: *Progenitor Deprivation and T Cell Acute Lymphoblastic Leukemia*

Sebastian Newrzela: *Homeostatic Niches - Control Mechanisms in Mature T-cell Leukemia/Lymphoma*

Somatic Cell Reprogramming and Genetic Engineering

Axel Schambach: *Residual Lentiviral LTRs in iPSC: A Useful Tool for Clonotypic Identification and Recombinase-Mediated Cassette Exchange*

J.C. Izpisua-Belmonte: *Fanconi Anemia and iPSCs*

Zoltan Ivics: *Genome Engineering with Sleeping Beauty Transposons*

Toni Cathomen: *Gene Editing in iPSC Disease Models*

Luigi Naldini: *Engineering Hematopoiesis for Treating Genetic Disease and Cancer*

CONCLUDING ADDRESS: **Alessandra Biffi**

“Lentiviral HSC Gene Therapy for the Treatment of Metachromatic Leukodystrophy”



Co-organizers: Christopher Baum, Juan Bueren, Adrian Thrasher, and David Williams

Sponsored by the
**Transatlantic Gene
Therapy Consortium**

**Hotel Novotel Madrid
Campo de Las Naciones**

Madrid, Spain

October 24-25, 2013

For Registration, please visit:
<http://fluidsurveys.com/s/SCCGSR2013/>

Please contact
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with any questions.