

SYMPOSIUM “EPIGENETICS and CANCER”

November 30, 2011
Les Abattoirs, Toulouse

8h30 – 8h45 Welcome coffee

8h45 Welcome address - Gilles Favre (RITC, Toulouse) and **Christian Bailly** (IRPF, Toulouse)

9h00 - 12h00 « Chemistry, biochemistry & technologies »

Chairperson: Paola B. Arimondo

9h00 *The Chemistry of Genome Development* - Thomas Carell (Ludwig-Maximilians-Universität München, Germany)

9h45 *DNA methylation based biomarkers - The dawn of a new era* - Jörg Tost (Centre National de Génotypage, CEA, Evry)

10h15 - 10h45 Coffee break & Poster session

Chairperson: Emmanuel Käs

10h45 *Role of UHRF1 in the inheritance of the epigenetic information* - Christian Bronner (LBP - UMR7213, CNRS / Université de Strasbourg)

11h15 *In quest of DNMT inhibitors* – Paola Arimondo (USR3388 – EtaC - CNRS/IRPF, Toulouse)

11h35 *The Functional interplay of Chromatin Insulators and Transcription* - Olivier Cuvier (LBME-UMR5099, CNRS/UPS, Toulouse)

12h00 – 13h30 Lunch & Poster Session

13h30 – 16h30 « Biology »

Chairperson: Jean-Jacques Fournié

13h30 *Unravelling the epigenomic dimension of major complex human diseases - DNA methylation profiling identifies epigenetic dysregulation in pancreatic islets from type 2 diabetic patients* - Michael Volkmar (Université Libre de Bruxelles, Belgique)

14h00 *Chromatin modifying enzymes in the DNA Damage Response* - Didier Trouche (LBCMCP-UMR5088, CNRS/UPS, Toulouse)

14h20 *Epigenetics and cancer: the role of the methyl-binding proteins ZBTB4 and ZBTB38* - Pierre Antoine Defossez (UMR7216, CNRS/Université Paris 7)

14h50 *Individualized treatment in breast cancer - Role of eIF4E translation initiation factor* - Magali Lacroix-Triki (Institut Claudius Regaud, Toulouse)

15h10 - 15h40 Coffee break & Poster session

Chairperson: Christophe Cazaux

15h40 *Deregulated V(D)J recombination and associated chromosomal translocations* – Ahmed A Khamlichi (IPBS-UMR5089, CNRS/UPS, Toulouse)

16h00 *Mechanisms of Repression by Polycomb Proteins* – Raphaël Margueron (Institut Curie, Paris)

16h30 Concluding remarks

Scientific Organizer: Paola B. Arimondo (CNRS-IRPF)