

# Epigenetics: from Bases to Pathology

12-14 October 2011

## Pre-Program of the Meeting

### WEDNESDAY 12

17h-19h: **INSCRIPTIONS**

#### *HISTORY OF EPIGENETICS*

17h30-18h10: **Michel Morange**: What kind of gaps in our explanations does epigenetics help to fill in

*19h: Welcoming drink*

*20h: Diner with invited speakers*

### THURSDAY 13

#### *INAUGURAL TALK*

9h-10h: **Peter Becker**: The male X chromosome, a functional nuclear compartment

#### *Session I: BASIC ASPECTS OF EPIGENETICS*

10h-10h40: **Guillaume Filion**: Systematic protein-genome interaction maps reveal 5 chromatin types in *Drosophila*

10h40-11h10: 2 short talks

*11h10-11h40 Coffee break*

11h40-12.20: **Jay B. Hollick**: Trans-generational inheritance of epigenetic regulatory states

12h20-13h00: **Ali Hamiche** Histone variants and epigenetic inheritance

*Lunch and Poster session 13h-14h30*

#### *Session II: EPIGENETICS AND DEVELOPMENT*

14h30-15h10: **Stephane Ronsseray**: Paramutation in *Drosophila* linked to birth of a piRNA producing locus

15h10-15h50: **Robert Feil**: Epigenetic mechanisms in mammalian genomic imprinting

15h50-16h20: 2 short talks

*16h20-16h50: Coffee break*

16h50-17h30: **Frédérique Peronnet**: Epigenetic control of developmental stability

17h30-18h10: **Edith Heard**: X-chromosome Inactivation: a paradigm for monoallelic gene expression and epigenetic regulation

*Cocktail dinner, or aperitif for everybody*

## FRIDAY 14

### **Session III: EPIGENETICS AND NEUROBIOLOGY**

9h-9h40: **Michael Meaney**:

9h40-10h20: **Isabelle Mansuy**: Epigenetic inheritance in mammals

10h20-10h50: 2 Short Talks

*10h50-11h20: Coffee break*

11h20-12h00: **Paolo Sassone-Corsi**: Epigenetics and Metabolism: the Circadian Clock Connection

12h00- 12h40: **Skirmantas Kriaucionis**: 5-hydroxymethylcytosine – a DNA base with two modifications

*Lunch and Poster session 12h40-14h00*

### **Session IV: EPIGENETICS AND DISEASES**

14h00-14h40: **Annick Harel Bellan**: Small non coding RNAs and cell proliferation/differentiation

14h40-15h20: **De-Maw Chuang**: Roles of Histone Modifications in Neurodegeneration and Neuroprotection

*15h20h-15h50: Coffee break*

15h50-16h20: 2 Short Talks

16h20-17h00: **Yamini Dalal**: A histone variant at the intersection of epigenetics and disease

17h00-17h40: **Marc Peschanski**: Modelling molecular mechanisms of a monogenic disease *in vitro* using human embryonic stem cells

### **CONCLUDING REMARKS**

17h40-18 h10: **Moshe Yaniv**