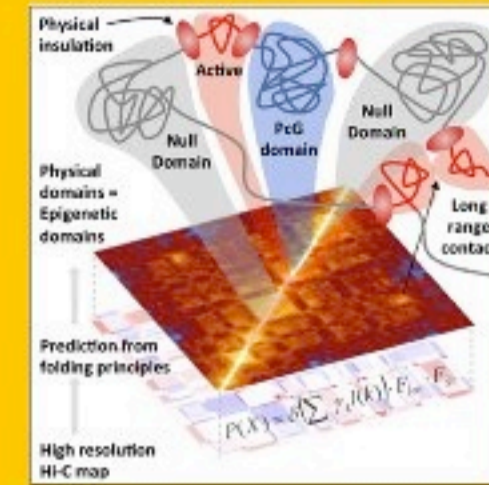




**Cellular Fate
&
Epigenetics:
*state-of-the-arts***



From Data to Computational models



MORNING SESSION

09:15

'Welcome - croissants'

09:30

O. Cuvier (LBME / CBI)

Tackling chromatin-mediated memory *versus* cell-to-cell variability through single cell transcriptomics

10:00

Seminar "Prestige" (1)

Giacomo CAVALLI (IGH/ CNRS)

Polycomb proteins and 3D nuclear organization: from developmental regulation to transgenerational Epigenetic inheritance.

11:00

Seminar "Prestige" (2)

Amos TANAY (Weizmann -Rehovot-Israel)

Single cell approaches to study acquisition and maintenance of genome regulatory programs

12:00 Lunch



AFTERNOON SESSION

CBI-CSB Workshop

14:00

Kestin BYSTRICKY (LBME / CBI)

Real-time imaging of transcription induced dynamics of single genes

14:30

Cedric VAILLANT (ENS/ Lyon)

Modeling epigenome folding: formation and dynamics of topologically associated chromatin domains.

15:00

Raphaël MOURAD (LBME / CBI)

Computational Identification of Genomic Features that Influence 3D Chromatin Domain Formation

15:30

Refreshments

Friday April 8th

2016

Salle de Conférence de L'IBCG
118 route de Narbonne
TOULOUSE