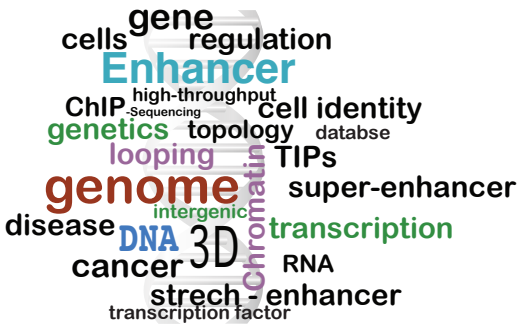
# Inserm Workshop 245

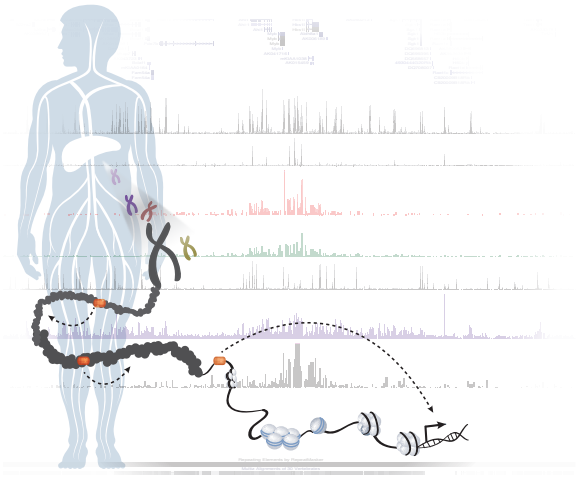
## Enhancer structure and function

**REGISTRATION DEADLINE:** **February 3rd, 2017**

**ORGANIZERS:** Salvatore SPICUGLIA (TAGC, Marseille), Eric SOLER (IGMM, Montpellier).

**AIMS:** The workshop will provide comprehensive coverage of the latest conceptual and experimental advances to study enhancer structure and function. Participants will acquire a solid knowledge on theoretical and technical approaches to identify and characterise enhancers in normal or pathological contexts.



### PHASE I – CRITICAL ASSESSMENT

April 19-21, 2017 in Bordeaux

**KEYNOTE SPEAKER**
Frank GROSVELD (Erasmus University, NLD)

**ENHANCER FUNCTION DURING NORMAL DEVELOPMENT**
Douglas HIGGS (WIMM, GBR), Eric PINAUD (CBRS, FRA), Eric SOLER (IGMM, FRA)

**CHROMATIN SIGNATURES ASSOCIATED WITH ENHANCERS**
Gioacchino NATOLI (IFOM-IEO, ITA), Simona SACCANI (IRCAN, FRA), Alvaro RADA IGLESIAS (CMMC, DEU), Jean-Christophe ANDRAU (IGMM, FRA)

**ENHANCER DEREGULATION IN DISEASES**
Ruud DELWEL (Erasmus University, NLD), Robert HILL (MRC, GBR), Jorge FERRER (Imperial College London, GBR), Stefan MUNDLOS (MPIMG, DEU), Constanze BONIFER (University of Birmingham, GBR)

**EXPERIMENTAL AND BIOINFORMATICS TOOLS TO STUDY ENHANCERS GENOME-WIDE**
Duncan T. ODOM (WTSI, GBR), Bart DEPLANCKE (EPFL, CHE), Salvatore SPICUGLIA (TAGC, FRA), Morgane THOMAS-CHOLLIER (IBENS, FRA)

### PHASE II – TECHNICAL WORKSHOP

May 15-19, 2017 - Marseille

The practical phase will be focused on high-throughput functional characterisation of enhancers based on the innovative Starr-seq technique. The theoretical principles introduced in Phase I will be developed here in a practical way by detailing experimental design and sample preparation. A focus will be given on the analysis and processing of the data. Finally, the interpretation of results and limitations of the techniques will be discussed.

**SELECTION:** 12 trainees will be selected among phase I participants.

**Information and registration:**
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DRH
Département des ressources humaines

*Ateliers Inserm - Réalisation : Audrey Peloni (DRH-SeRCOM) - novembre 2016