

Epigenetics, from phenomena to molecular mechanisms

Coordinators: Barbara Despres and Vincent Colot

Tuesday 5th January

14h-14h45 Vincent Colot (IBENS, Paris): Introduction.

15h-17h Martha Radman-Livaja (IGMM, Montpellier): Chromatin and DNA Replication.

Friday 8th January

10h-12h Sophie Polo (Université de Paris): Chromatin integrity following DNA damage.

14h-16h Alena Shkumatava (Institut Curie, Paris): lncRNAs.

Tuesday 12th January

10h-12h Germano Cecere (Institut Pasteur): Small RNAs and epigenetic inheritance in *C. elegans*.

14h-16h Edda Schultz (Institut Curie, Paris): X inactivation in female mammals.

Friday 15th January

10h-12h Deborah Bourc'his (Institut Curie, Paris): Genomic imprinting in mammals.

14h-16h Luca Giorgetti (FMI, Bâle): Chromosome structure and transcriptional regulation.

Tuesday 19th January

10h-12h Vincent Colot (IBENS, Paris): Transgenerational epigenetics in plants.

14h-16h Céline Vallot (Institut Curie, Paris): Epigenetics and cancer.

Friday 22th January

10h-12h Sven Saupe (IBGC, Bordeaux): Prion: Epigenetic heredity of structure.

14h-16h Jérôme Dejjardin (IGH, Montpellier): Chromatin proteomics.

Tuesday 2nd February

10h-12h Laure Teyssset (LBP, Paris): Paramutation in *Drosophila*.

14h-16h Laurent Loison (IHPST, Paris): Lamarckism and epigenetics.

16h-17h Concluding remarks; Vincent Colot

Friday 5th February

9h30-12h Written exam