

Epigenetics, from phenomena to molecular mechanisms

Coordinators: Pierre Baduel and Barbara Despres

Friday 19 September

9h45-11h45 Vincent Colot (IBENS, Paris): Introduction.

Friday 26 September

9h45-11h45 Raphaël Margueron (Institut Curie, Paris): Polycomb machinery and transcriptional memory.

Friday 3 October

9h45-11h45 Sophie Polo (Université de Paris Cité): Epigenome maintenance in response to DNA damage.

Friday 10 October

9h45-11h45 Ana Boskovic (EMBL, Rome): Mechanisms of Embryonic gene regulation in Mammals.

Friday 17 October

9h45-11h45 Pierre Baduel (IBENS, Paris): The epiallelic potential of transposable elements and its significance in plants.

Friday 24 October

9h45-11h45 Germano Cecere (Institut Pasteur, Paris): Small RNAs and epigenetic inheritance in *C. elegans*.

Friday 31 October

9h45-11h45 Deborah Bourc'h (Institut Curie, Paris): Epigenetic control of mammalian reproduction.

Friday 7 November

9h45-11h45 Petra Hajkova (Imperial college, London): Epigenetic reprogramming in the mammalian germ line.

Friday 14 November

9h45-11h45 Céline Vallot (Institut Curie, Paris): Epigenetics and cancer.

Friday 21 November

9h45-11h45 Sven Saupe (IBGC, Bordeaux): Prion: Epigenetic heredity of structure.

Friday 5 December

9h45-11h45 Edith Heard (Francis Crick Institute, London & Collège de France, Paris): Evolutionary diversity and developmental dynamics of X-chromosome inactivation.

Friday 12 December

10h--12h Emilie Brasset (Université Clermont Auvergne): Dynamics and epigenetic control of transposons in drosophila.

Thursday 18 December

9h45-11h45 Laurent Loison (IHPST, Paris): Polysemy of the term and concept "epigenetics". Concluding remarks.

Friday 23 January

9h30-12h Written exam.