

### **9 Nov Monday morning**

**Jonathan Weitzman** Introduction to Epigenetics

### **9 Nov Monday afternoon**

**Sophie Polo** Epigenome maintenance in response to DNA damage

*Adam et al., Cell 2013*

*Transcription recovery after DNA damage requires chromatin priming by the H3.3 histone chaperone HIRA*

### **10 Nov Tuesday morning**

**Anne-Valerie Gendrel** X-chromosome inactivation: a mammalian model system for epigenetics

*Chu et al. Cell 2015*

*Systematic Discovery of Xist RNA Binding Proteins*

### **10 Nov Tuesday afternoon**

**Luisa Dandolo** Genomic imprinting and non-coding RNAs

*Monnier et al., PNAS 2013*

*H19 lncRNA controls gene expression of the Imprinted Gene Network by recruiting MBD1*

### **12 Nov Thursday morning**

**Emmanuelle Fabre** Chromosome organization, chromatin dynamics and Double Strand Breaks: lessons from yeast

*Agmon et al., Nature Cell Biology 2013*

*Effect of nuclear architecture on the efficiency of double-strand break repair*

### **12 Nov Thursday afternoon**

**Germano Cecere** Mechanisms of Epigenetic inheritance by short RNAs

*Cecere et al., Nat Struct Mol Biol. 2014*

*Global effects of the CSR-1 RNA interference pathway on the transcriptional landscape*

### **13 Nov Friday morning**

**Vincent Colot** Arabidopsis Epigenetics and Epigenomics

*Cortijo et al., Science 2014*

*Mapping the Epigenetic Basis of Complex Traits*

### **13 Nov Friday afternoon**

**Sandra Duhaucourt** Epigenetic Regulation of Genome Organization in Paramecium

*Lhuillier-Akakpo et al., PLoS Genetics 2014*

*Local effect of enhancer of zeste-like reveals cooperation of epigenetic and cis-acting determinants for zygotic genome rearrangements*