CHAIR IN EPIGENETICS AND CELLULAR MEMORY
Academic year 2012-2013

Professor Edith Heard

Epigenetics, development, and heredity

Lectures on Mondays from 4 p.m. to 5:30 p.m., followed by the seminar at 5:30 p.m.

Inaugural lecture on Thursday, December 13, 2012 at 6 p.m.
Marguerite de Navarre lecture theater

February 4
Lecture
What is Epigenetics: from Aristotle to Waddington and beyond

February 11
Lecture
Molecular Mechanisms of Epigenetic processes: how to read the genome and memorize gene expression patterns

February 18
Lecture
Mammalian X-Chromosome Inactivation – an example of mitotic cellular memory
Seminar
Joost Gribnau, Erasmus, Rotterdam
X-Chromosome Inactivation Mechanisms

February 25
Lecture
Genomic Imprinting – an example of paternal or maternal origin-specific gene expression
Seminar
Anne Ferguson Smith, Cambridge University (UK)
Genomic Imprinting in Mammals

March 11
Lecture
Environmentally induced epigenetic changes
Seminar
Vincent Colot, ENS, Paris
Trans-generational Epigenetic Inheritance

March 18
Lecture
Epigenetics and Heredity
Seminar
Troy Day, Queens University (Australia)
The evolutionary consequences of epigenetic inheritance

Symposium on May 21 and 22, 2013: Epigenetic Mechanisms and Genetic Disease
Organized jointly with Professor Jean-Louis Mandel, Chair in Human Genetics

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Serge Haroche
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