

Introduction to Epigenetics

Winter Semester 2014/2015

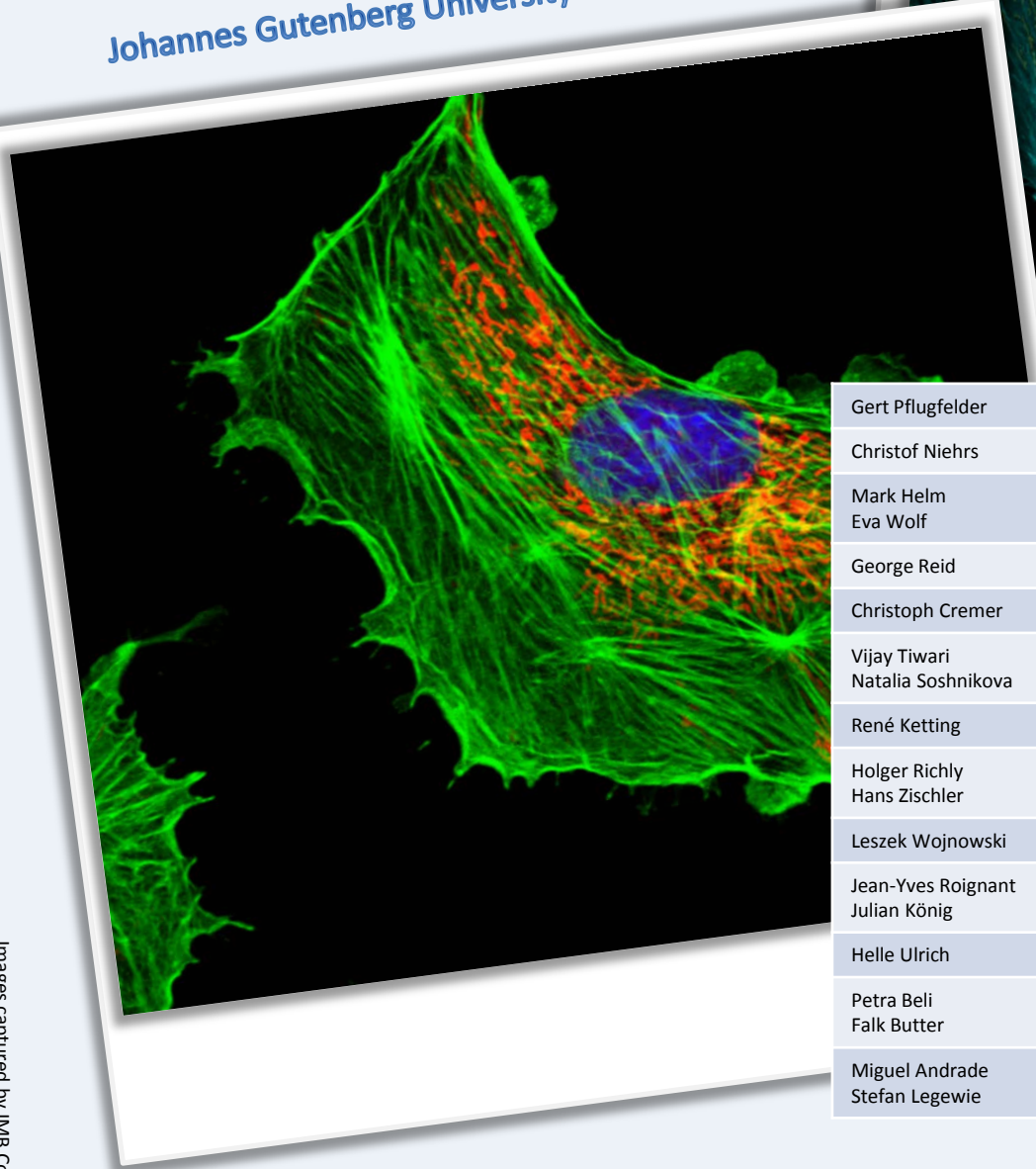
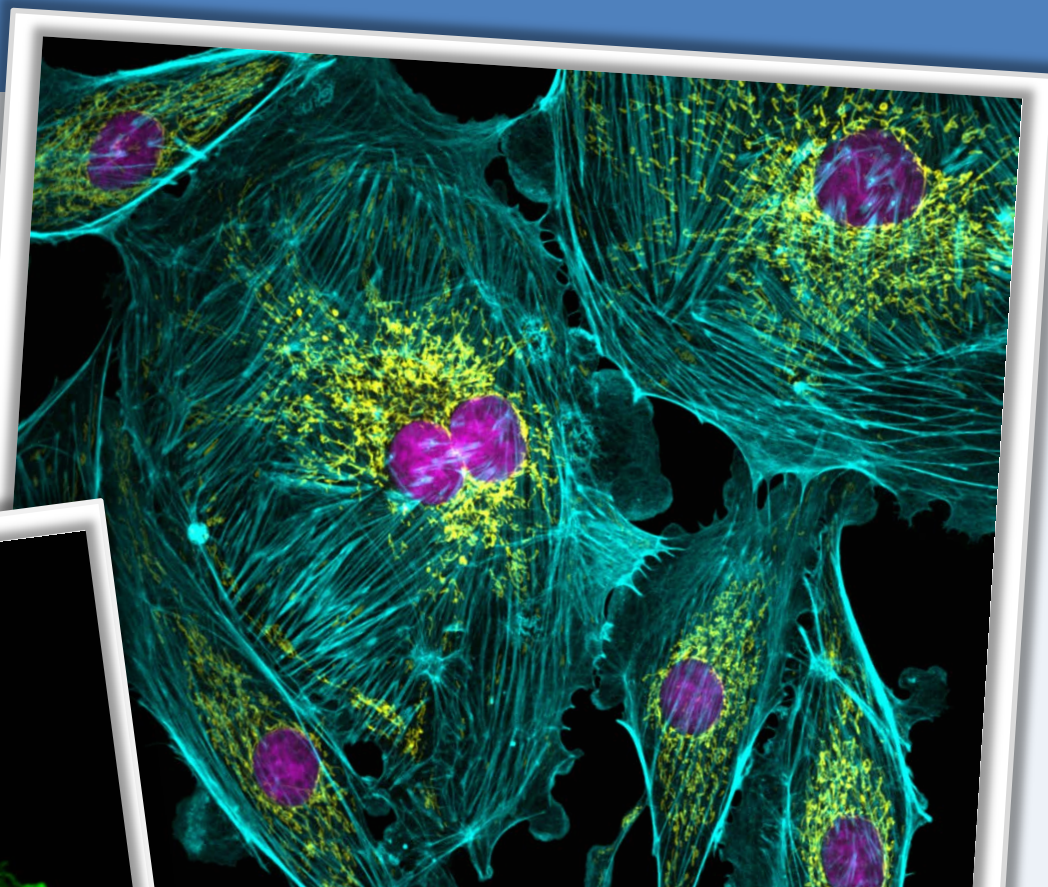
Tuesday, 8:15-9:45 am

Institute of Molecular Biology

2nd Floor Seminar Room

Ackermannweg 4

Johannes Gutenberg University Campus



Gert Pflugfelder	Introduction to epigenetics	28.10.
Christof Niehrs	DNA methylation & demethylation	04.11
Mark Helm Eva Wolf	Nucleic acid modifications Circadian clocks as gene regulatory systems	11.11.
George Reid	Histone marks and their 'writers, readers and erasers'	18.11.
Christoph Cremer	Imaging the cell nucleus: Genome architecture & gene regulation	25.11.
Vijay Tiwari Natalia Soshnikova	Epigenetic regulation of cellular differentiation Epigenetic regulation of sex determination	02.12
René Ketting	Roles of small ncRNAs in development	09.12.
Holger Richly Hans Zischler	ncRNAs & the regulation of gene expression Primate piRNA/PIWI: functional aspects and evolution	16.12.
Leszek Wojnowski	Epigenetics in the context of health & medicine	06.01.
Jean-Yves Roignant Julian König	Coupling between chromatin structure, transcription and alternative splicing Genomic Views of Splicing Regulation	13.01
Helle Ulrich	Genome maintenance in a chromatin context	20.01
Petra Beli Falk Butter	Chromatin biology and proteomics Quantitative proteomics	27.01
Miguel Andrade Stefan Legewie	Computational approaches to the prediction of gene and protein function Epigenetics: Quantitative approaches & theoretical models	03.02

Die Ringvorlesung wendet sich primär an Bachelor-Studenten im letzten Jahr, Studenten im Hauptstudium und Masterstudenten.

Lectures will be held in English.

