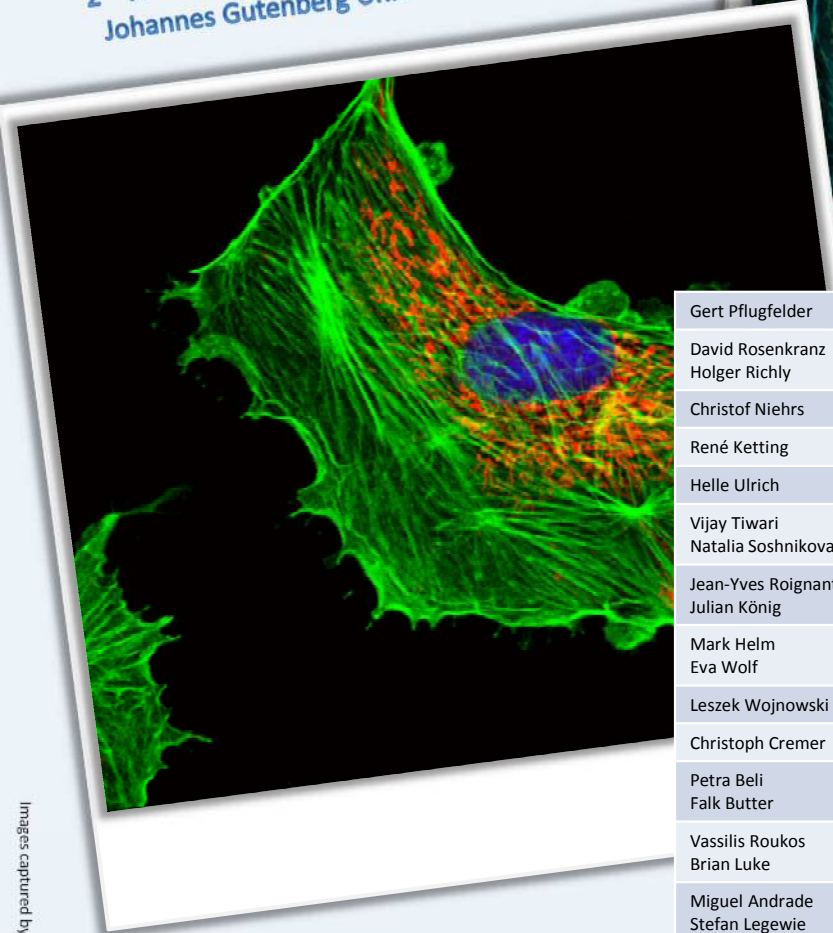
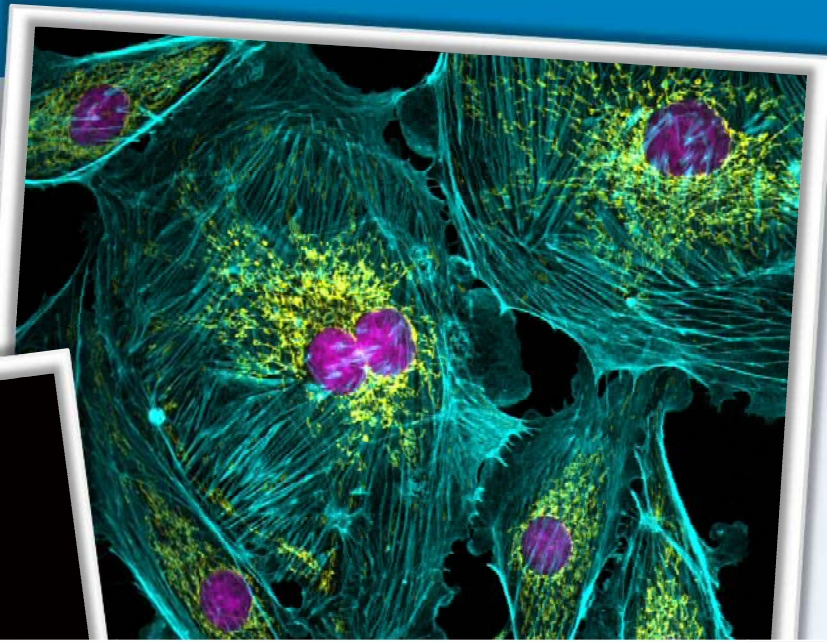


Introduction to Epigenetics

Winter Semester 2016/2017

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	25.10.
David Rosenkranz Holger Richly	Primate piRNA/PIWI: functional aspects & evolution ncRNAs & the regulation of gene expression	08.11.
Christof Niehrs	DNA methylation & demethylation	15.11.
René Ketting	Roles of small ncRNAs in development	22.11.
Helle Ulrich	Genome maintenance in a chromatin context	29.11.
Vijay Tiwari Natalia Soshnikova	Epigenetic regulation of cellular differentiation Epigenetic regulation of sex determination	06.12.
Jean-Yves Rognant Julian König	Epigenetics in alternative splicing Genomic views of splicing regulation	13.12.
Mark Helm Eva Wolf	Nucleic acid modifications Circadian clocks as gene regulatory systems	20.12.
Leszek Wojnowski	Epigenetics in the context of health & medicine	10.01.
Christoph Cremer	Imaging the cell nucleus: genome architecture & gene regulation	17.01.
Petra Beli Falk Butter	Chromatin biology & proteomics Quantitative proteomics	24.01.
Vassilis Roukos Brian Luke	Insights into biogenesis of chromosome translocations Heterochromatin at telomeres & the telomere position effect	31.01.
Miguel Andrade Stefan Legewie	Computational analyses of transcriptional regulation & protein interactions Epigenetics: quantitative approaches & theoretical models	07.02.

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

Lectures will be held in English.

