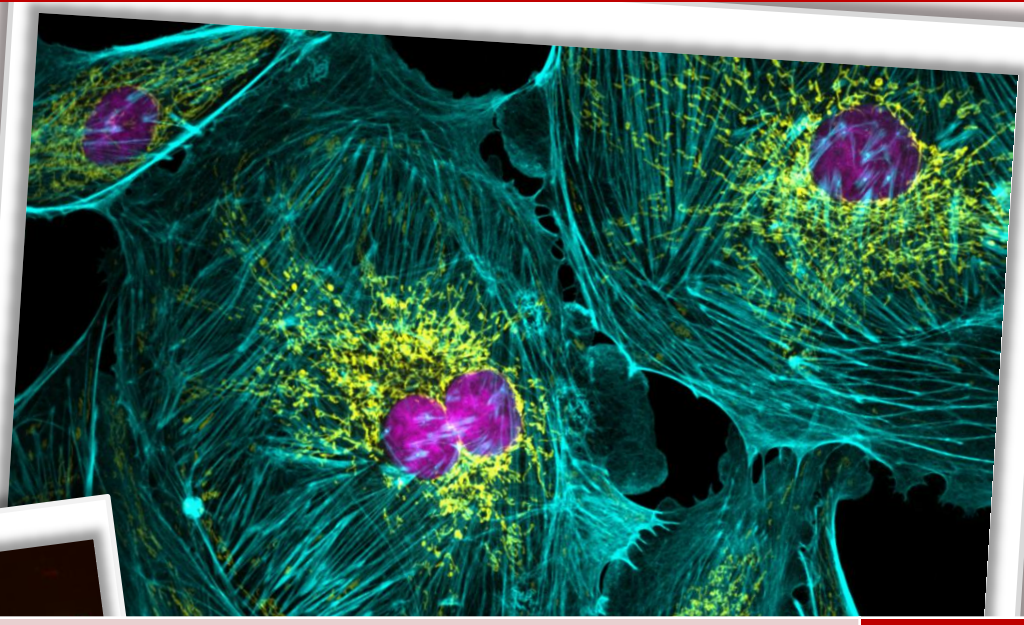
Lecture Series

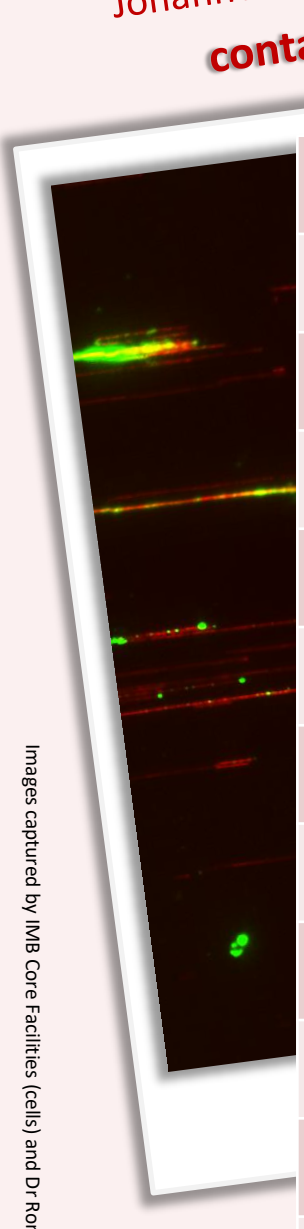
DNA Repair & Genome Stability

Summer Semester 2023

Tuesdays, 9:00-10:30 am

Biozentrum 2
Seminar Room 9 (03.721)
Johannes Gutenberg University Campus
contact: sfb1361@imb.de





Helle Ulrich	DNA repair & genome maintenance – an overview / Genome maintenance during DNA replication	**18 April**
Thomas Hofmann	DNA damage signaling	**25 April**
Kathi Zarnack Maximilian Reuter	Machine learning models - implications for genome stability Principles of genome replication in eukaryotes	**02 May**
Katja Luck Sandra Schick	Protein modularity & its implications in molecular biology research Genome regulation by ATP-dependent chromatin remodelers	**09 May**
Petra Beli	Regulation of DNA damage response by posttranslational modifications	**16 May**
Markus Christmann	DNA damage by genotoxic & carcinogenic substances	**23 May**
Peter Baumann	Capping the ends of chromosomes	**30 May**
Daniela Kramer Nard Kubben	Crosstalk of inflammation, epigenetics & the DNA damage response in health & disease Aging-related genomic instability	**06 June**
Vassilis Roukos	DNA double strand break repair pathways & biogenesis of chromosome translocations	**13 June**
Lars Schomacher	Active DNA demethylation by DNA repair mechanisms	**20 June**
Hans-Peter Wollscheid Joan Barau	Role of the cytoskeleton in genome stability Transposable elements and genome instability	**27 June**
Brian Luke	RNA-DNA hybrids	**04 July**

Images captured by IMB Core Facilities (cells) and Dr Ronald Wong (DNA fibres)

The lecture series is intended for Master's students as well as all other interested students and scientists.
Lectures will be held in English.

Please visit www.sfb1361.de/students-postdocs/lectures for up-to-date information on the lecture series.
For further information, please contact Dr John Fung: sfb1361@imb.de, Tel. 06131-39-30534

Participating institutions: