Summer Semester 2024

Lecture series
(2 weeks, 10:00 – 11:30 & 12:30 – 14:00)
Lab practical
(4-6 weeks)

Brian Luke  Introduction briefing  11 April
Cristina Cardoso  DNA repair and genome maintenance – an overview / Genome maintenance during DNA replication  15 April
Helle Ulrich  DNA damage by genotoxic and carcinogenic substances  16 April
Thomas Hofmann  DNA damage signaling  JGU Mainz (1)
Markus Christmann  Regulation of DNA damage response by posttranslational modifications  IMB Mainz (2)
Petra Beli  Desired actions and side effects of chemotherapy  17 April
Oliver Krämer  Protein modularity & its implications in molecular biology research  IMB Mainz (2)
Katja Luck  Genome regulation by ATP-dependent chromatin remodelers  18 April
Sandra Schick  DNA double strand repair pathways  TU Darmstadt (3)
Markus Löbrich  Establishment and maintenance of the epigenetic identity of centromeres  11 April
Patrick Heun  RNA-DNA hybrids  online
Helle Ulrich  Crosstalk of inflammation, epigenetics and the DNA damage response in health and disease  22 April
Jan Padeken  Regulation of heterochromatin in response to genotoxic stress  JGU Mainz (1)
Lars Schomacher  Active DNA demethylation by DNA repair mechanisms  23 April
Hans-Peter Wollscheid  Role of the cytoskeleton in genome stability  IMB Mainz (2)
Maximilian Reuter  Principles of genome replication in eukaryotes  24 April
Nard Kubben  Aging-related genomic instability  IMB Mainz (2)
Kathi Zarnack  Machine learning models - implications for genome stability  and online*
Vassilis Roukos  DNA double strand break repair pathways & biogenesis of chromosome translocations*  25 April
Cristina Cardoso  Organization of mammalian DNA replication and its epigenetic regulation  TU Darmstadt (4)
Alexander Löwer  Dynamics of the DNA damage response in individual living cells

The lectures are intended for Master’s students as well as all other interested students and scientists. Lectures will be held in English.
(1) Lecture room 00.187, Biozentrum 1, Hanns-Dieter-Hüsch-Weg 15, JGU Campus Mainz; (2) Seminar room, Institute of Molecular Biology, Ackermannweg 4, JGU Campus Mainz; (3) Room 102, B2|61 Botany Student Centre, Schnittspahnstraße 11, Botanical Garden East Campus, TU Darmstadt; (4) Room 109, B2|03 Biology Verfügungsgebäude, Schnittspahnstraße 10, Botanical Garden East Campus, TU Darmstadt
* Lecture will be held online via Zoom

Please visit www.sfb1361.de/students-postdocs/lectures for up-to-date information on the lecture series.
For further information, please contact Dr Katarina Kruspig: sfb1361@imb.de, Tel. 06131-39-21962

Participating institutions: