

Lecture Series

MD/PhD program

Seminarraum Geb. 35 | Campus Homburg | 16 c.t. (if not indicated differently)



General information

Seminars take place in building 35 (Hörsaalgebäude), Seminarraum 1, 4 or 7

The seminars will take place in physical presence. All lectures will be announced individually via email; all lectures will be Wednesday, 4.15-5.45 p.m., unless indicated differently. The lectures are open to a broad audience; see also comments if seminar is restricted to a limited number of participants only.

Please use the following link or the barcode to evaluate the course after each lecture:

<https://forms.office.com/e/MsFSZkb95L>

Lectures

Date	Topic	Speaker	Location
22.01.2025	RNA interference	Dr. Lise Lauterbach-Riviere	Building 35
05.02.2025	How to give a presentation I	Prof. Dr. Matthias Laschke	Building 35 I: Seminarraum 4
12.02.2025 (off schedule!)	How to give a presentation II	Prof. Dr. Matthias Laschke	II: Seminarraum 5 III: Seminarraum 5 Limited number of participants
19.02.2025	How to give a presentation III	Prof. Dr. Matthias Laschke	All parts I-III must be attended to claim credit points
05.03.2025	How to write a thesis	Prof. Dr. Matthias Laschke	Building 35 Seminarraum 1
19.03.2025	Gender specific biology in medicine	Prof. Dr. Frank Kirchhoff	Building 35 Seminarraum 1
25.03.2025 27.03.2025 01.04.2025 03.04.2025	Matlab and data analysis I - IV	Prof. Dr. Marcel Lauterbach	Online via MS Teams, all 4 parts must be attended, registration until March 04, 2025
02.04.2025	Introduction to flow cytometry	Dr. Tina Schmidt	Building 35 Seminarraum 1

Date	Topic	Speaker	Location
16.04.2025	On/off switches for T cells - a crash course in molecular immune hacking	Dr. Oskar Staufer (INM)	Building 35 Seminarraum 4
30.04.2025	Cell-culture: Safety, Equipment and Basic Techniques	PD Dr. Wolfgang Metzger	Building 35 Seminarraum 7
14.05.2025	Living Therapeutic Materials	Dr. Shrikrishnan Sankaran (INM)	Building 35 Seminarraum 4
28.05.2025	Ethics, regulations and lab animal handling in Research including 3R principles	Dr. Christina Körbe Khalid Elshamil	Building 35 Seminarraum 1
11.06.2025 3.00 - 4.30 pm	Reproductive techniques in animals	Dr. Petra Weißgerber	Building 35 Seminarraum 4
25.06.2025	Antibody reagents in biomedical research: possibilities and limitations	Prof. Dr. David Mick	Building 35 Seminarraum 7
9.7.2025	Biomacromolecular Structure Analysis by X-Ray Diffraction	Prof. Dr. Roy Lancaster	Building 35 Seminarraum 1
	Holidays		
20.08.2025	Nutritional Medicine	Jun.-Prof. Dr. Sandra Rother	Building 35 Seminarraum 1
03.09.2025	Fluorescent proteins - concepts and applications	Prof. Dr. Lars Kästner	Building 35 Seminarraum 7
17.09.2025	Bioinformatics prediction of clinical impact of mutation in the human genome	Prof. Dr. Olga Kalinina	Building 35 Seminarraum 4
01.10.2025	Classical imaging techniques	PD Dr. Elmar Krause	Building 35 Seminarraum 1
15.10.2025	High resolution imaging techniques	Prof. Dr. Marcel Lauterbach	Building 35 Seminarraum 1

Date	Topic	Speaker	Location
29.10.2025	Functional Architecture of Mitochondria in Health and Disease	Dr. Karina von der Malsburg	Building 35 Seminarraum 1
05.11.2025	Statistics I	Prof. Dr. Stefan Wagenpfeil	Building 35 Seminarraum 1
11.11.2025 (off schedule!)	Statistics II	Prof. Dr. Stefan Wagenpfeil	Limited number of participants Both parts must be attended to claim credit points
12.11.2025	microRNA and their regulatory role	Dr. Martin Hart	Building 35 Seminarraum 1
26.11.2025	A light weight introduction to machine learning with applications in medicine	Dr. Rebekka Burkholz (CISPA)	Building 35 Seminarraum 1
10.12.2025	NGS, spatial and single cell sequencing	Dr. Nicole Ludwig	Building 35 Seminarraum 1
	Holidays		
07.01.2026	AI, Ethics, and Medicine: Current Challenges	Dr. Kevin Baum (DFKI)	Building 35 Seminarraum 1
21.01.2026	Biobanking	Priv.-Doz. Dr. Kristina Heyne	Building 35 Seminarraum 1
04.02.2026	Microbiome research in medicine	Prof. Dr. Christine Beemelmanns	Building 35 Seminarraum 1
18.02.2026	TBD	TBD	Building 35 Seminarraum 1