

## Lectures and Tutorials 2024/25: Overview

Lecturer	Topic	Date				SW	CW
			Lecture	Tutorial			
<b>Module M.MolBio.11: DNA and Gene Expression</b>							
Silvio Rizzoli	Architecture of the Cell	Mon	30.09.2024	Wed	02.10.2024	1	40
Kai Tittmann	<i>Fundamentals of Biophysical Chemistry (Week Zero)</i>	Mon	30.09.2024	-	-	1	40
Hauke Hillen	DNA Structure	Mon	07.10.2024	Thu	10.10.2024	2	41
Fabian Rabe von Pappenheim	Protein Structures and Folding	Tue	08.10.2024	Fri	11.10.2024	2	41
Fabian Rabe von Pappenheim	Protein Structures and Folding	Wed	09.10.2024	Fri	11.10.2024	2	41
Ricarda Richter-Dennerlein	DNA Replication	Tue	15.10.2024	Wed	16.10.2024	3	42
Ramona Schulz-Hedergott	DNA Repair	Thu	17.10.2024	Fri	18.10.2024	3	42
Jan de Vries	Functional and Comparative Genomics	Mon	21.10.2024	Tue	22.10.2024	4	43
Marieke Oudelaar	Chromatin Structure	Mon	28.10.2024	Wed	30.10.2024	5	44
Jochen Rink	Gene Editing	Mon	04.11.2024	Thu	07.11.2024	6	45
Argyris Papantonis	Epigenetics	Tue	05.11.2024	Fri	08.11.2024	6	45
Elisa Oberbeckmann	Transcription - fundamentals	Mon	11.11.2024	Thu	14.11.2024	7	46
Christian Dienemann	Transcription - advanced concepts	Tue	12.11.2024	Fri	15.11.2024	7	46
Henning Urlaub	RNA Splicing	Mon	18.11.2024	Thu	21.11.2024	8	47
Henning Urlaub	RNA Splicing	Tue	19.11.2024	Fri	22.11.2024	8	47
Marina Rodnina	Translation	Mon	25.11.2024	Thu	28.11.2024	9	48
Marina Rodnina	Translation	Tue	26.11.2024	Fri	29.11.2024	9	48
Jörg Stülke	RNA-based Regulation in Prokaryotes	Mon	02.12.2024	Thu	05.12.2024	10	49
Markus Bohnsack	RNA-based Regulation in Eukaryotes	Tue	03.12.2024	Fri	06.12.2024	10	49
Heike Kребber	RNA Quality Control	Mon	09.12.2024	Thu	12.12.2024	11	50
Sonja Lorenz	Ubiquitin & Posttranslational Modification	Tue	10.12.2024	Fri	13.12.2024	11	50
<b>Module M.MolBio.12: Metabolic and Genetic Networks</b>							
Kai Tittmann	Enzyme Mechanisms and Regulation	Mon	16.12.2024	Tue	17.12.2024	12	51
Kai Tittmann	Enzyme Mechanisms and Regulation	Tue	17.12.2024	-	-	12	51
<b>Christmas Break (18.12.2024 - 05.01.2025)</b>							
Peter Rehling	Basic Metabolism	Mon	06.01.2025	Fri	10.01.2025	13	2
Peter Rehling	Basic Metabolism	Tue	07.01.2025	Fri	10.01.2025	13	2
Ivo Feußner	Photosynthesis	Mon	13.01.2025	Fri	17.01.2025	14	3
Ivo Feußner	Biological Membranes I	Tue	14.01.2025	Fri	17.01.2025	14	3
Alexander Stein	Biological Membranes II	Mon	20.01.2025	Fri	24.01.2025	15	4
Jörg Stülke	Metabolic Networks	Tue	21.01.2025	Fri	24.01.2025	15	4
Jörg Stülke	Microbiomes	Mon	27.01.2025	Fri	31.01.2025	16	5
Wienands, Engelke, Engels	Signal Transduction	Tue	28.01.2025	Fri	31.01.2025	16	5
Wienands, Engelke, Engels	Signal Transduction	Mon	03.02.2025	Fri	07.02.2025	17	6
Wienands, Engelke, Engels	Signal Transduction	Tue	04.02.2025	Fri	07.02.2025	17	6
<b>Module M.MolBio.13: Cell Biology / Immunology</b>							
Alexander Stein	Protein Sorting and Processing	Mon	10.02.2025	Fri	14.02.2025	18	7
Oleksiy Kovtun	Membrane Traffic	Tue	11.02.2025	Fri	14.02.2025	18	7
Dirk Görlich	Nucleocytoplasmic Transport	Mon	17.02.2025	Fri	21.02.2025	19	8
Peter Rehling	Protein Import and Organelle Biosynthesis	Tue	18.02.2025	Fri	21.02.2025	19	8
Alex Faesen	Autophagocytosis	Mon	24.02.2025	Fri	28.02.2025	20	9
Peter Lenart	Cell Adhesion	Tue	25.02.2025	Fri	28.02.2025	20	9
Dieter Klopfenstein	Cytoskeleton	Mon	03.03.2025	Fri	07.03.2025	21	10
Melina Schuh	Meiosis	Tue	04.03.2025	Fri	07.03.2025	21	10
Holger Bastians	Cell Cycle	Mon	10.03.2025	Fri	14.03.2025	22	11
Holger Bastians	Cell Cycle	Tue	11.03.2025	Fri	14.03.2025	22	11
Matthias Dobbstein	Apoptosis, Cancer	Mon	17.03.2025	Fri	21.03.2025	23	12
Matthias Dobbstein	Apoptosis, Cancer	Tue	18.03.2025	Fri	21.03.2025	23	12
Elisabeth Heßmann	Precision therapy of cancer	Mon	24.03.2025	Fri	28.03.2025	24	13
Günter Schneider	Oncogenic signaling and targeted therapies	Tue	25.03.2025	Fri	28.03.2025	24	13
J. Wienands, M. Engelke	Immunology: Innate Immunity	Mon	31.03.2025	Fri	04.04.2025	25	14
J. Wienands, M. Engelke	Immunology: T Cell Development and Function	Tue	01.04.2025	Fri	04.04.2025	25	14
J. Wienands, M. Engelke	Immunology: B Cells	Mon	07.04.2025	Fri	11.04.2025	26	15
J. Wienands, N. Engels	Immunology: Immuno-Oncology	Tue	08.04.2025	Fri	11.04.2025	26	15
<b>Easter Break (12. - 21.04.2025)</b>							

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<b>Module M.MolBio.13 (continued)</b>							
Uwe Groß, Carsten Lüder	Infectious Diseases, Principles of Pathogenicity	Tue	22.04.2025	Fri	25.04.2025	27	17
Uwe Groß, Carsten Lüder	Infectious Diseases, Principles of Pathogenicity	Wed	23.04.2025	Fri	25.04.2025	27	17
<b>Module M.MolBio.14: Developmental Biology / Neuroscience</b>							
Ernst Wimmer	Developmental Biology: General Principles	Mon	28.04.2025	Fri	02.05.2025	28	18
Gregor Bucher	Nervous System: Early Development	Tue	29.04.2025	Fri	02.05.2025	28	18
Luis Pardo	Neurons: Structure, Function, Electrical Properties	Mon	05.05.2025	Fri	09.05.2025	29	19
Nils Brose	Nervous System: Development of Networks	Tue	06.05.2025	Fri	09.05.2025	29	19
Nils Brose	Synapses and Synaptic Transmission	Mon	12.05.2025	Fri	16.05.2025	30	20
Tobias Moser	Sensory Systems	Tue	13.05.2025	Fri	16.05.2025	30	20
André Fischer	Neurodegenerative and Neuropsychiatric Diseases	Mon	19.05.2025	Fri	23.05.2025	31	21
NN	NN	Tue	20.05.2025	Fri	23.05.2025	31	21
<b>Module M.MolBio.15: Model Systems / Biotechnology</b>							
Jan de Vries	Genetic Analyses	Mon	26.05.2025	Fri	30.05.2025	32	22
Rüdiger Behr	Stem Cells	Tue	27.05.2025	Fri	30.05.2025	32	22
Jörg Stülke	Bacteria	Mon	02.06.2025	Fri	06.06.2025	33	23
Stefanie Pöggeler	Fungi	Tue	03.06.2025	Fri	06.06.2025	33	23
Ivo Feußner	Plants	Tue	10.06.2025	Fri	13.06.2025	34	24
Ernst Wimmer	Insects	Wed	11.06.2025	Fri	13.06.2025	34	24
Jochen Rink	Regeneration, Planaria	Mon	16.06.2025	Fri	20.06.2025	35	25
Melina Schuh	Oocyte Development	Tue	17.06.2025	Fri	20.06.2025	35	25
Michael Heide	Organoids	Mon	23.06.2025	Fri	27.06.2025	36	26
Heidi Hahn	Mouse	Tue	24.06.2025	Fri	27.06.2025	36	26
Lutz Walter	Primates	Mon	30.06.2025	Wed	02.07.2025	37	27
Stefan Pöhlmann	Non-human Primate Models / Use in Virus Research	Tue	01.07.2025	Wed	02.07.2025	37	27

Lecture: Mon & Tue, 8:15-9:10 am / break / 9:20-10:00 am\*

\* unless stated otherwise

Tutorials Oct-Dec 2024: Thu (lecture Mon) & Fri (lecture Tue), 8:15-9:30 am\*

Tutorials from Jan 2025: Fri, 8:15-9:30 am (lecture Mon) & Fri, 10:00-11:15 am (lecture Tue)\*

SW = Study Week

CW = Calendar Week

**Venue:** Most lectures will take place in the **Ludwig-Prandtl Lecture Hall** of the **MPI for Multidisciplinary Sciences (MPI-NAT)**, pending availability, unless announced otherwise. The tutorials (two parallel groups) will take place in a seminar room at the MPI-NAT and a GZMB seminar room unless announced otherwise.

**Public Holidays:**

03.10.2024 Day of German Unity, 31.10.2024 Reformation Day, 18.04.2025 Karfreitag (Good Friday), 21.04.2025 Easter Monday, 01.05.2025 Labor Day, 29.05.2025 Christi Himmelfahrt (Ascension Day), 09.06.2025 Pfingstmontag (Whit Monday)