

## Lectures and Tutorials 2023/24: Overview

Lecturer	Topic	Date				SW	CW
		Lecture		Tutorial			
<b>Module M.MolBio.11: DNA and Gene Expression</b>							
Silvio Rizzoli	Architecture of the Cell	Wed	04.10.2023	Fri	06.10.2023	1	40
Kai Tittmann	<i>Fundamentals of Biophysical Chemistry (Week Zero)</i>	Wed	04.10.2023	-	-	1	40
Hauke Hillen	DNA Structure	Mon	09.10.2023	Thu	12.10.2023	2	41
Ricarda Richter-Dennerlein	DNA Replication	Tue	10.10.2023	Thu	12.10.2023	2	41
Ramona Schulz-Hedergott	DNA Repair	Wed	11.10.2023	Fri	13.10.2023	2	41
Kai Tittmann	Protein Structures and Folding	Mon	16.10.2023	Thu	19.10.2023	3	42
Kai Tittmann	Protein Structures and Folding	Tue	17.10.2023	Fri	20.10.2023	3	42
Jochen Rink	Gene Editing	Mon	23.10.2023	Tue	24.10.2023	4	43
Jan de Vries	Functional and Comparative Genomics	Wed	01.11.2023	Fri	03.11.2023	5	44
Marieke Oudelaar	Chromatin Structure	Mon	06.11.2023	Thu	09.11.2023	6	45
Argyris Papantonis	Epigenetics	Tue	07.11.2023	Fri	10.11.2023	6	45
Elisa Oberbeckmann	Transcription - fundamentals	Mon	13.11.2023	Thu	16.11.2023	7	46
Christian Dienemann	Transcription - advanced concepts	Tue	14.11.2023	Fri	17.11.2023	7	46
Marina Rodnina	Translation	Mon	20.11.2023	Thu	23.11.2023	8	47
Marina Rodnina	Translation	Tue	21.11.2023	Fri	24.11.2023	8	47
Henning Urlaub	RNA Splicing	Mon	27.11.2023	Thu	30.11.2023	9	48
Henning Urlaub	RNA Splicing	Tue	28.11.2023	Fri	01.12.2023	9	48
Jörg Stülke	RNA-based Regulation in Prokaryotes	Mon	04.12.2023	Thu	07.12.2023	10	49
Markus Bohnsack	RNA-based Regulation in Eukaryotes	Tue	05.12.2023	Fri	08.12.2023	10	49
Heike Krebber	RNA Quality Control	Mon	11.12.2023	Thu	14.12.2023	11	50
Sonja Lorenz	Ubiquitin & Posttranslational Modification	Tue	12.12.2023	Fri	15.12.2023	11	50
<b>Module M.MolBio.12: Metabolic and Genetic Networks</b>							
Kai Tittmann	Enzyme Mechanisms and Regulation	Mon	18.12.2023	Tue	19.12.2023	12	51
Kai Tittmann	Enzyme Mechanisms and Regulation	Tue	19.12.2023	-	-	12	51
<b>Christmas Break (20.12.2023 - 07.01.2024)</b>							
Peter Rehling	Basic Metabolism	Mon	08.01.2024	Fri	12.01.2024	13	2
Peter Rehling	Basic Metabolism	Tue	09.01.2024	Fri	12.01.2024	13	2
Ivo Feußner	Biological Membranes I	Mon	15.01.2024	Fri	19.01.2024	14	3
Alexander Stein	Biological Membranes II	Tue	16.01.2024	Fri	19.01.2024	14	3
Jörg Stülke	Metabolic Networks	Mon	22.01.2024	Fri	26.01.2024	15	4
Jörg Stülke	Microbiomes	Tue	23.01.2024	Fri	26.01.2024	15	4
Ivo Feußner	Photosynthesis	Mon	29.01.2024	Fri	02.02.2024	16	5
Wienands, Engelke, Engels	Signal Transduction	Tue	30.01.2024	Fri	02.02.2024	16	5
Wienands, Engelke, Engels	Signal Transduction	Mon	05.02.2024	Fri	09.02.2024	17	6
Wienands, Engelke, Engels	Signal Transduction	Tue	06.02.2024	Fri	09.02.2024	17	6
<b>Module M.MolBio.13: Cell Biology / Immunology</b>							
Alexander Stein	Protein Sorting and Processing	Mon	12.02.2024	Fri	16.02.2024	18	7
Oleksiy Kovtun	Membrane Traffic	Tue	13.02.2024	Fri	16.02.2024	18	7
Dirk Görlich	Nucleocytoplasmic Transport	Mon	19.02.2024	Fri	23.02.2024	19	8
Peter Rehling	Protein Import and Organelle Biosynthesis	Tue	20.02.2024	Fri	23.02.2024	19	8
Dieter Klopfenstein	Cytoskeleton	Mon	26.02.2024	Fri	01.03.2024	20	9
Peter Lenart	Cell Adhesion	Tue	27.02.2024	Fri	01.03.2024	20	9
Alex Faesen	Autophagocytosis	Mon	04.03.2024	Fri	08.03.2024	21	10
Melina Schuh	Meiosis	Tue	05.03.2024	Fri	08.03.2024	21	10
Holger Bastians	Cell Cycle	Mon	11.03.2024	Fri	15.03.2024	22	11
Holger Bastians	Cell Cycle	Tue	12.03.2024	Fri	15.03.2024	22	11
Matthias Dobbstein	Apoptosis, Cancer	Mon	18.03.2024	Fri	22.03.2024	23	12
Matthias Dobbstein	Apoptosis, Cancer	Tue	19.03.2024	Fri	22.03.2024	23	12
<b>Easter Break (23.03. - 01.04.2024)</b>							

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			Lecture	Tutorial			
<b>Module M.MolBio.13 (continued)</b>							
J. Wienands, M. Engelke	Immunology: Innate Immunity	Tue	02.04.2024	Fri	05.04.2024	24	13
J. Wienands, M. Engelke	Immunology: T Cell Development and Function	Wed	03.04.2024	Fri	05.04.2024	24	13
J. Wienands, M. Engelke	Immunology: B Cells	Mon	08.04.2024	Fri	12.04.2024	25	14
J. Wienands, N. Engels	Immunology: Immuno-Oncology	Tue	09.04.2024	Fri	12.04.2024	25	14
Uwe Groß, Carsten Lüder	Infectious Diseases, Principles of Pathogenicity	Mon	15.04.2024	Fri	19.04.2024	26	16
Uwe Groß, Carsten Lüder	Infectious Diseases, Principles of Pathogenicity	Tue	16.04.2024	Fri	19.04.2024	26	16
<b>Module M.MolBio.14: Developmental Biology / Neuroscience</b>							
Ernst Wimmer	Developmental Biology: General Principles	Mon	22.04.2024	Fri	26.04.2024	27	17
Gregor Bucher	Nervous System: Early Development	Tue	23.04.2024	Fri	26.04.2024	27	17
Luis Pardo	Neurons: Structure, Function, Electrical Properties	Mon	29.04.2024	Fri	03.05.2024	28	18
Nils Brose	Nervous System: Development of Networks	Tue	30.04.2024	Fri	03.05.2024	28	18
Nils Brose	Synapses and Synaptic Transmission	Mon	06.05.2024	Fri	10.05.2024	29	19
Tobias Moser	Sensory Systems	Tue	07.05.2024	Fri	10.05.2024	29	19
Klaus-Armin Nave	Glial Cells and Brain Vasculature	Mon	13.05.2024	Fri	17.05.2024	30	20
<b>Module M.MolBio.15: Model Systems / Biotechnology</b>							
Bertram Brenig	Genetic Analyses	Tue	14.05.2024	Fri	17.05.2024	30	20
Rüdiger Behr	Stem Cells	Tue	21.05.2024	Fri	24.05.2024	31	21
Kai Heimel	Fungi	Wed	22.05.2024	Fri	24.05.2024	31	21
Thomas Spallek	<i>Arabidopsis</i>	Mon	27.05.2024	Fri	31.05.2024	32	22
Gerd Vorbrüggen	<i>Drosophila</i>	Tue	28.05.2024	Fri	31.05.2024	32	22
Jochen Rink	Regeneration, Planaria	Mon	03.06.2024	Fri	07.06.2024	33	23
Melina Schuh	Oocyte Development	Tue	04.06.2024	Fri	07.06.2024	33	23
Michael Heide	Organoids	Mon	10.06.2024	Fri	14.06.2024	34	24
Heidi Hahn	Mouse	Tue	11.06.2024	Fri	14.06.2024	34	24
Lutz Walter	Primates	Mon	17.06.2024	Fri	21.06.2024	35	25
Stefan Pöhlmann	Non-human Primate Models / Use in Virus Research	Tue	18.06.2024	Fri	21.06.2024	35	25
Rolf Daniel	Biotechnology of Bacteria	Mon	24.06.2024	Fri	28.06.2024	36	26
Stefanie Pöggeler	Biotechnology of Fungi	Tue	25.06.2024	Fri	28.06.2024	36	26
Ivo Feußner	Biotechnology of Plants	Mon	01.07.2024	Wed	03.07.2024	37	27
Ernst Wimmer	Biotechnology of Insects	Tue	02.07.2024	Wed	03.07.2024	37	27

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

Tutorials Oct-Dec 2022: Thu (lecture Mon) & Fri (lecture Tue), 8:15-9:00 am / break / 9:15-09:45 am\*

Tutorials from Jan 2023: Fri, 08:15-09:30 am (lecture Mon) & Fri, 10:00-11:15 am (lecture Tue)\*

SW = Study Week

\* unless stated otherwise

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:

03.10.2023 Day of German Unity, 31.10.2023 Reformation Day, 29.03.2024 Karfreitag (Good Friday), 01.04.2024 Easter Monday, 01.05.2024 Labor Day, 09.05.2024 Christi Himmelfahrt (Ascension Day), 20.05.2024 Pfingstmontag (Whit Monday)