

DNB Core Module: Cellular and Molecular Immunology (M.Bio.390, including 391)

Period: 02.04.2023 – 03.05.2023, Start: Tuesday, April, 2nd, 2024, 09:00 a.m.

Venue: Institute of Cellular & Molecular Immunology, seminar room

Lecturers: Dr. A. Braun, Department of Dermatology, UMG
Prof. Dr. R. Dressel, Cellular & Molecular Immunology, UMG
Dr. M. Engelke, Cellular & Molecular Immunology, UMG
PD Dr. N. Engels, Cellular & Molecular Immunology, UMG
Prof. Dr. A. Flügel, Institute for Multiple Sclerosis Research, UMG
Dr. D. Lodygin, Institute for Multiple Sclerosis Research, UMG
PD Dr. F. Lühder, Institute for Multiple Sclerosis Research, UMG
Prof. Dr. F. Odoardi, Institute for Multiple Sclerosis Research, UMG
Prof. Dr. H. Reichardt, Cellular & Molecular Immunology, UMG
Prof. Dr. L. Walter, Primate Genetics Laboratory, DPZ
Prof. Dr. J. Wienands, Cellular & Molecular Immunology, UMG

Tutorials: A. Braun, M. Engelke, N. Engels, F. Lühder, H. Reichardt, L. Walter

Seminars: N. Engels & Andrea Braun

General chart (overview)

	1 st Week	2 nd Week	3 rd Week	4 th Week	5 th Week
Monday	<i>Easter Monday</i>	1 Lecture	1 Lecture	1 Lecture	Seminar
Tuesday	1 Lecture	1 Lecture	1 Lecture	1 Lecture	Seminar
Wednesday	1 Lecture	1 Lecture	1 Lecture	1 Lecture	<i>1st of May</i>
Thursday	1 Lecture	1 Lecture	1 Lecture	1 Lecture	<i>No teaching</i>
Friday	1 Lecture, 1 Tutorial	1 Tutorial	1 Tutorial	1 Tutorial	Exam

General chart (lecture topics, tutorials & seminars)

	1 st Week	2 nd Week	3 rd Week	4 th Week	5 th Week
Monday	<i>Easter Monday</i>	T cells I (Lühder)	Innate lymphocytes (Walter)	Allergies (Engelke)	Seminar Immunodeficiencies (Braun & Engels)
Tuesday	Introduction to the immune system (Engels)	T cells II (Lühder)	Immunity of the skin & mucosae (Braun)	Vaccinations (Reichardt)	Seminar Autoimmunity (Braun & Engels)
Wednesday	Innate immunity I (Engelke)	B cells I (Wienands)	Immunity of the CNS (Flügel/Odoardi)	Therapeutic antibodies (Engels)	<i>1st of May</i>
Thursday	Signaling by innate & adaptive immune receptors (Engelke)	B cells II (Engels)	Autoimmunity (Reichardt)	CAR T cells (Lodygin)	<i>No teaching</i>
Friday	Antigen presentation (Dressel) Tutorial (Engelke/ Engels)	Tutorial (Lühder/Engels)	Tutorial (Braun & Walter)	Tutorial (Reichardt & Engels)	Exam

1st Week

	Monday 01.04.24	Tuesday 02.04.24	Wednesday 03.04.24	Thursday 04.04.24	Friday 05.04.24	
9:00	Easter Monday	Lecture <i>Introduction to the immune system</i> N. Engels		Lecture <i>Signaling by innate & adaptive immune receptors</i> M. Engelke		
10:00						
11:00		Allocation of Seminar Topics for M.Bio.390			Lecture <i>Antigen presentation</i> R. Dressel	
12:00						
13:00						
14:00						
15:00				Lecture <i>Innate immunity I</i> M. Engelke		Tutorial M. Engelke & N. Engels
16:00						
17:00						
18:00						

2nd Week

	Monday 08.04.24	Tuesday 09.04.24	Wednesday 10.04.24	Thursday 11.04.24	Friday 12.04.24
9:00	Lecture <i>T cells I</i> F. Lühder	Lecture <i>T cells II</i> F. Lühder	Lecture <i>B cells I</i> J. Wienands	Lecture <i>B cells II</i> N. Engels	
10:00					
11:00					
12:00					
13:00					
14:00					Tutorial F. Lühder & N. Engels
15:00					
16:00					
17:00					
18:00					

3rd Week

	Monday 15.04.24	Tuesday 16.04.24	Wednesday 17.04.24	Thursday 18.04.24	Friday 19.04.24
9:00	Lecture <i>Innate lymphocytes</i> L. Walter	Lecture <i>Immunity of the skin & mucosae</i> A. Braun	Lecture <i>Immunity of the CNS</i> A. Flügel & F. Odoardi	Lecture <i>Autoimmunity</i> H. Reichardt	Tutorial A. Braun & L. Walter
10:00					
11:00					
12:00					
13:00					
14:00					
15:00					
16:00					
17:00					
18:00					

4th Week

	Monday 22.04.24	Tuesday 23.04.24	Wednesday 24.04.24	Thursday 25.04.24	Friday 26.04.24
9:00	Lecture Allergies <i>M. Engelke</i>	Lecture Vaccinations <i>H. Reichardt</i>	Lecture Therapeutic antibodies <i>N. Engels</i>	Lecture CAR T cells <i>D. Lodygin</i>	Tutorial <i>H. Reichardt & N. Engels</i>
10:00					
11:00					
12:00					
13:00					
14:00					
15:00					
16:00					
17:00					
18:00					

5th Week

	Monday 29.04.24	Tuesday 30.04.24	Wednesday 01.05.24	Thursday 02.05.24	Friday 03.05.24
9:00			<i>Labour Day</i>	<i>No Teaching</i>	
10:00					
11:00					
12:00					
13:00					
14:00	Seminar <i>Immunodeficiencies</i> <i>A. Braun & N. Engels</i>	Seminar <i>Autoimmunity</i> <i>A. Braun & N. Engels</i>			
15:00					<i>Exam</i>
16:00					
17:00					
18:00					