

Department of Clinical Immunology,  
Wrocław Medical University  
ul. Chałubińskiego 5, 50-368 Wrocław  
tel.: 71 784 17 40, e-mail: [agnieszka.czerniawska@umw.edu.pl](mailto:agnieszka.czerniawska@umw.edu.pl)  
Head: prof. dr hab. Marek Jutel

**CLINICAL IMMUNOLOGY COURSE PROGRAM**  
**Faculty of Medicine, 3<sup>rd</sup> year, AY 2021/2022**

Students are asked to check MS TEAMS regularly for information including educational materials.

MS TEAMS: Clinical Immunology 3yED (main channel and group channel)

<https://teams.microsoft.com/l/channel/19%3a0Vx2GDh55mZkR-18RAAwofbkE5CXoUWQUOJfH0bWUes1%40thread.tacv2/Og%25C3%25B3Iny?groupId=0213e2bd-7a4f-42b9-84c2-4b5004636f27&tenantId=c49499a2-f68e-48a6-8885-7b5d4eaa01a3>

**LECTURES**

Day & Time: Fridays, 13:30-15:00, MS TEAMS: Clinical Immunology 3yED (main channel)

	<b>date</b>	<b>topic</b>
1	<b>04.03.2022</b>	General information on the subject Immunology. The human immune system – characteristics of the immune response cells. Prof. Marek Jutel, MD
2	<b>11.03.2022</b>	Nonspecific cellular and humoral immunity. Ewa Wyrodek, PhD
3	<b>18.03.2022</b>	Specific (adaptive) immune response. The major histocompatibility complex HLA. Paweł Gajdanowicz, PhD
4	<b>25.03.2022</b>	The anti-infectious immunity. Vaccines. Magdalena Zemelka-Wiącek, PhD
5	<b>01.04.2022</b>	The mechanisms of the immune response regulation. The role of cytokines. Prof. Marek Jutel, MD
6	<b>08.04.2022</b>	Hypersensitivity type I, II, III and IV. The immune tolerance. Prof. Marek Jutel, MD
7	<b>22.04.2022</b>	Mechanisms of autoimmune diseases. Prof. Marek Jutel, MD
8	<b>29.04.2022</b>	Primary and secondary immune deficiencies. Prof. Marek Jutel, MD
9	<b>06.05.2022</b>	The basics of the transplant immunity. Prof. Marek Jutel, MD
10	<b>13.05.2022</b>	Basics of tumor immunity. Ewa Sobańska, PhD

Department of Clinical Immunology,  
Wrocław Medical University  
ul. Chałubińskiego 5, 50-368 Wrocław  
tel.: 71 784 17 40, e-mail: [agnieszka.czerniawska@umw.edu.pl](mailto:agnieszka.czerniawska@umw.edu.pl)  
Head: prof. dr hab. Marek Jutel

## CLINICAL IMMUNOLOGY COURSE PROGRAM Faculty of Medicine, 3<sup>rd</sup> year, AY 2021/2022

### CLASSES AND SEMINARS

Where to go: Department of Clinical Immunology, ul. Tytusa Chałubińskiego 5, Wrocław.

Day & Time:

- CN 1 → Tuesdays 9:00 - 12:00
- CN 2 → Tuesdays 9:00 - 12:00
- CN 3 → Mondays 9:00 - 12:00
- CN 4 → Mondays 9:00 - 12:00
- CN 5 → Mondays 12:00 - 15:00
- CN 6 → Mondays 12:00 - 15:00
- CN 7 → Tuesdays 15:30 – 18:30
- CN 8 → Tuesdays 15:30 – 18:30
- CN 9 → Thursdays 9:00 - 12:00
- CN 10 → Thursdays 9:00 - 12:00

	date	topic
1	<b>28.02.2022 (CN 3,4,5,6)</b> <b>01.03.2022 (CN 1,2,7,8)</b> <b>03.03.2022 (CN 9,10)</b>	General conditions and regulations of the Immunology course. OHS. Introduction to the immunology. The structure and basics of the immune system functioning. Possibilities of the immune parameters assessment.
2	<b>07.03.2022 (CN 3,4,5,6)</b> <b>08.03.2022 (CN 1,2,7,8)</b> <b>10.03.2022 (CN 9,10)</b>	Cellular immunity – cell isolation assays, cell immunophenotype assessment. Flow cytometry. (lab coat obligatory)
3	<b>14.03.2022 (CN 3,4,5,6)</b> <b>15.03.2022 (CN 1,2,7,8)</b> <b>17.03.2022 (CN 9,10)</b>	Cellular immunity - the functional assessment of immune competent cells.
4	<b>21.03.2022 (CN 3,4,5,6)</b> <b>22.03.2022 (CN 1,2,7,8)</b> <b>24.03.2022 (CN 9,10)</b>	Humoral immunity - innate and adaptive. Antibodies, the complement system, cytokines assessment.
5	<b>28.03.2022 (CN 3,4,5,6)</b> <b>29.03.2022 (CN 1,2,7,8)</b> <b>31.03.2022 (CN 9,10)</b>	Immune deficiencies. Diagnostics of primary and secondary immune deficiencies. (lab coat obligatory)

Department of Clinical Immunology,  
Wrocław Medical University  
ul. Chałubińskiego 5, 50-368 Wrocław  
tel.: 71 784 17 40, e-mail: [agnieszka.czerniawska@umw.edu.pl](mailto:agnieszka.czerniawska@umw.edu.pl)  
Head: prof. dr hab. Marek Jutel

## CLINICAL IMMUNOLOGY COURSE PROGRAM

### Faculty of Medicine, 3<sup>rd</sup> year, AY 2021/2022

6	04.04.2022 (CN 3,4,5,6) 05.04.2022 (CN 1,2,7,8) 07.04.2022 (CN 9,10)	SEMINAR I Tumour immunity. Diagnostics and monitoring of the proliferative disease treatment. Reproductive immunology (Students prepare presentations on given topics) <b>Mid-term colloquium I (topics: class 1-5)</b>
7	11.04.2022 (CN 3,4,5,6) 12.04.2022 (CN 1,2,7,8) 28.04.2022 (CN 9,10)	Hypersensitivity. Gell and Coombs classification. Allergic reactions and diagnostics. (lab coat obligatory)
8	25.04.2022 (CN 3,4,5,6) 26.04.2022 (CN 1,2,7,8) 05.05.2022 (CN 9,10)	Hypersensitivity – autoaggression. Detection of organ-specific and organ-non-specific autoantibodies. (lab coat obligatory)
9	09.05.2022 (CN 3,4,5,6) 10.05.2020 (CN 1,2,7,8) 12.05.2022 (CN 9,10)	Immune aspects of respiratory and digestive tract diseases.
10	16.05.2022 (CN 3,4,5,6) 17.05.2022 (CN 1,2,7,8) 19.05.2022 (CN 9,10)	Immune aspects of circulatory and nervous system diseases.
11	23.05.2022 (CN 3,4,5,6) 24.05.2022 (CN 1,2,7,8) 26.05.2022 (CN 9,10)	Immunohematology – selected aspects. Immune aspects of transplantation.
12	30.05.2022 (CN 3,4,5,6) 31.05.2022 (CN 1,2,7,8) 02.06.2022 (CN 9,10)	SEMINAR II Immune therapies in allergic, autoimmune and neoplastic diseases. (Students prepare presentations on given topics) <b>Mid-term colloquium I (topics: class 7-11)</b>
13	06.06.2022 (CN 3,4,5,6) 07.06.2022 (CN 1,2,7,8) 09.06.2022 (CN 9,10)	<b>Final credit colloquium (topics 1-12)</b>
14	13.06.2022 (CN 3,4,5,6) 14.06.2022 (CN 1,2,7,8) 23.06.2022 (CN 9,10)	Colloquium work-up/re-take. Course credits.

### CLINICAL IMMUNOLOGY EXAM

To be decided, during summer session: 24.06.2022 - 08.07.2022.

The year representative is asked to provide the exam date by e-mail [magdalena.zemelka-wiacek@umw.edu.pl](mailto:magdalena.zemelka-wiacek@umw.edu.pl) (preferably around April / May).