

## Katedra Fizjologii i Patofizjologii Człowieka

Classes schedule of subject: "Immunology"

Academic year 2023/2024; winter semester,

Medicine ED, year II

**NOTE: The numerical order of the classes has been preserved, but their chronological order has not been preserved.**

Date	Time	Group	Topic	Lecturer	Location
1. 10.10.2023	08:00 - 11:00	1	Diagnosis of Borrelia burgdorferi infection by Elisa and Western blot methods	Joanna Czerwińska, PhD	Laboratory of Dermatology, Sexually Transmitted Diseases and Clinical Immunology Clinic The Nicolaus Copernicus Municipal Polyclinical Hospital in Olsztyn (Miejski Szpital Zespolony) Al. Wojska Polskiego 30; 10-229 Olsztyn
2. 21.12.2023	08:00 - 11:00	1	Allergology diagnosis: prick tests and patch tests	Natalia Zdanowska MD, PhD	Laboratory of Dermatology, Sexually Transmitted Diseases and Clinical Immunology Clinic The Nicolaus Copernicus Municipal Polyclinical Hospital in Olsztyn (Miejski Szpital Zespolony) Al. Wojska Polskiego 30; 10-229 Olsztyn
3. 19.10.2023	08:00 - 11:00	1	Non-specific (innate) immunity: complement system and barriers	Joanna Haraźna, PhD prof.UWM	Room 207 2nd floor - Dept. of Human Physiology and

					Pathophysiology Behring Center for Experimental Medicine; University Hospital Al. Warszawska 30; 10-082 Olsztyn
4. 16.11.2023	08:00 - 11:00	1	Specific (adaptive) immunity: Antigen-antibody reaction	Urszula Mazur, M.S.	Room 207 2nd floor - Dept. of Human Physiology and Pathophysiology Behring Center for Experimental Medicine; University Hospital Al. Warszawska 30; 10-082 Olsztyn
5. 30.11.2023	08:00 - 11:00	1	Acute and chronic inflammation	Joanna Harażna, PhD prof.UWM	Room 207 2nd floor - Dept. of Human Physiology and Pathophysiology Behring Center for Experimental Medicine; University Hospital Al. Warszawska 30; 10-082 Olsztyn
6. 14.12.2023	08:00 - 11:00	1	Hypersensitivity, autoimmunity and deficiency in the defense system	Joanna Harażna, PhD prof.UWM	Room 207 2nd floor - Dept. of Human Physiology and Pathophysiology Behring Center for Experimental Medicine; University Hospital Al. Warszawska 30; 10-082 Olsztyn

7. 18.01.2024	08:00 - 11:00	1	Immune compatibility of tissue and blood, hematopoietic disorders	Joanna Harażna, PhD prof.UWM	Room 207 2nd floor - Dept. of Human Physiology and Pathophysiology Behring Center for Experimental Medicine; University Hospital Al. Warszawska 30; 10-082 Olsztyn
1. 11.10.2023	07:45 - 10:45	2	Diagnosis of Borrelia burgdorferi infection by Elisa and Western blot methods	Joanna Czerwińska, PhD	Laboratory of Dermatology, Sexually Transmitted Diseases and Clinical Immunology Clinic The Nicolaus Copernicus Municipal Polyclinical Hospital in Olsztyn (Miejski Szpital Zespólny) Al. Wojska Polskiego 30; 10-229 Olsztyn
2. 21.12.2023	11:15-14:15	2	Allergology diagnosis: prick tests and patch tests	Natalia Zdanowska MD, PhD	Laboratory of Dermatology, Sexually Transmitted Diseases and Clinical Immunology Clinic The Nicolaus Copernicus Municipal Polyclinical Hospital in Olsztyn (Miejski Szpital Zespólny) Al. Wojska Polskiego 30; 10-229 Olsztyn

3. 18.10.2023	08:00 - 11:00	2	Non-specific (innate) immunity: complement system and barriers	Joanna Harażna, PhD prof.UWM	Room 207 2nd floor - Dept. of Human Physiology and Pathophysiology
4. 15.11.2023	08:00 - 11:00	2	Specific (adaptive) immunity: Antigen-antibody reaction	Urszula Mazur, M.S.	Behring Center for Experimental Medicine; University Hospital
5. 29.11.2023	08:00 - 11:00	2	Acute and chronic inflammation	Joanna Harażna, PhD prof.UWM	Room 207 2nd floor - Dept. of Human Physiology and Pathophysiology Behring Center for Experimental Medicine; University Hospital Al. Warszawska 30; 10-082 Olsztyn
6. 13.12.2023	08:00 - 11:00	2	Hypersensitivity, autoimmunity and deficiency in the defense system	Joanna Harażna, PhD prof.UWM	Room 207 2nd floor - Dept. of Human Physiology and Pathophysiology Behring Center for Experimental Medicine; University Hospital Al. Warszawska 30; 10-082 Olsztyn
7. 17.01.2024	08:00 - 11:00	2	Immune compatibility of tissue and blood, hematopoietic disorders	Joanna Harażna, PhD prof.UWM	Room 207 2nd floor - Dept. of Human Physiology and Pathophysiology Behring Center for Experimental Medicine; University Hospital Al. Warszawska 30;

					10-082 Olsztyn
1. 10.10.2023	11:15 - 14:15	3	Diagnosis of Borrelia burgdorferi infection by Elisa and Western blot methods	Joanna Czerwińska, PhD	Laboratory of Dermatology, Sexually Transmitted Diseases and Clinical Immunology Clinic The Nicolaus Copernicus Municipal Polyclinical Hospital in Olsztyn (Miejski Szpital Zespolony) Al. Wojska Polskiego 30; 10-229 Olsztyn
2. 04.01.2024	08:00 - 11:00	3	Allergology diagnosis: prick tests and patch tests	Natalia Zdanowska MD, PhD	Laboratory of Dermatology, Sexually Transmitted Diseases and Clinical Immunology Clinic The Nicolaus Copernicus Municipal Polyclinical Hospital in Olsztyn (Miejski Szpital Zespolony) Al. Wojska Polskiego 30; 10-229 Olsztyn
3. 19.10.2023	11:15 - 14:15	3	Non-specific (innate) immunity: complement system and barriers	Joanna Harażna, PhD prof.UWM	Room 207 2nd floor - Dept. of Human Physiology and Pathophysiology Behring Center for Experimental Medicine; University Hospital Al. Warszawska 30;

					10-082 Olsztyn
4. 16.11.2023	11:15 - 14:15	3	Specific (adaptive) immunity: Antigen-antibody reaction	Urszula Mazur, M.S.	Room 207 2nd floor - Dept. of Human Physiology and Pathophysiology Behring Center for Experimental Medicine; University Hospital Al. Warszawska 30; 10-082 Olsztyn
5. 30.11.2023	11:15 - 14:15	3	Acute and chronic inflammation	Joanna Harażna, PhD prof.UWM	Room 207 2nd floor - Dept. of Human Physiology and Pathophysiology Behring Center for Experimental Medicine; University Hospital Al. Warszawska 30; 10-082 Olsztyn
6. 14.12.2023	11:15 - 14:15	3	Hypersensitivity, autoimmunity and deficiency in the defense system	Joanna Harażna, PhD prof.UWM	Room 207 2nd floor - Dept. of Human Physiology and Pathophysiology Behring Center for Experimental Medicine; University Hospital Al. Warszawska 30; 10-082 Olsztyn
7. 18.01.2024	11:15 - 14:15	3	Immune compatibility of tissue and blood, hematopoietic disorders	Joanna Harażna, PhD prof.UWM	Room 207 2nd floor - Dept. of Human Physiology and

					Pathophysiology Behring Center for Experimental Medicine; University Hospital Al. Warszawska 30; 10-082 Olsztyn
1. 15.12.2023	08:00 - 08:45	1	Test 1	Joanna Haraźna, PhD prof.UWM	CSM Room ABC Al.Warszawska 30; Olsztyn
1. 15.12.2023	08:00 - 08:45	2	Test 1	Joanna Haraźna, PhD prof.UWM	CSM Room ABC Al.Warszawska 30; Olsztyn
1. 15.12.2023	08:00 - 08:45	3	Test 1	Joanna Haraźna, PhD prof.UWM	CSM Room ABC Al.Warszawska 30; Olsztyn
2. 23.01.2024	09:00-09:45	1	Test 2	Joanna Haraźna, PhD prof.UWM	CSM Room ABC Al.Warszawska 30; Olsztyn
2. 23.01.2024	09:00-09:45	2	Test 2	Joanna Haraźna, PhD prof.UWM	CSM Room ABC Al.Warszawska 30; Olsztyn
2. 23.01.2024	09:00-09:45	3	Test 2	Joanna Haraźna, PhD prof.UWM	CSM Room ABC Al.Warszawska 30; Olsztyn

## Katedra Fizjologii i Patofizjologii Człowieka

Seminaries schedule of subject: "Immunology"

Academic year 2023/2024; winter semester,

Medicine ED, year II

### Location:

Seminary room; Dermatology, Sexually Transmitted Diseases and Clinical Immunology Clinic; The Nicolaus Copernicus Municipal Polyclinical Hospital in Olsztyn; (Miejski Szpital Zespolony) Al. Wojska Polskiego 30; Olsztyn

**NOTE: The numerical order of the seminars has been preserved without their chronological order.**

**Groups (1,2 and 3 or 1 and 2,3) vary depending on the seminar**

Date	Time	Group	Topic	Lecturer
1. 04.12.2023	09:30-11:00	1,2	Serological diagnosis of infection, basic methods, sensitivity and specificity	dr Joanna Czerwińska, PhD
2. 07.12.2023	11:30-13:00	1	Modern methods of allergy diagnostics	dr Natalia Zdanowska, MD, PhD
3. 11.12.2023	09:30-11:00	1,2	Basic diagnostic methods: complement fixation test, hemagglutination test, ELISA, Western blot, IIF, PCR	dr Joanna Czerwińska, PhD
4. 18.12.2023	09:30-11:00	1,2	Post-transfusion reactions, hematological disorders	dr Joanna Czerwińska, PhD
5. 08.01.2024	09:30-11:00	1,2	Diagnostics of autoimmune diseases	dr Joanna Czerwińska, PhD



1. 04.12.2023	11:00-12:30	3	Serological diagnosis of infection, basic methods, sensitivity and specificity	dr Joanna Czerwińska, PhD
2. 07.12.2023	09:45-11:15	2,3	Modern methods of allergy diagnostics	dr Natalia Zdanowska, MD, PhD
3. 11.12.2023	11:00-12:30	3	Basic diagnostic methods: complement fixation test, hemagglutination test, ELISA, Western blot, IIF, PCR	dr Joanna Czerwińska, PhD
4. 18.12.2023	11:00-12:30	3	Post-transfusion reactions, hematological disorders	dr Joanna Czerwińska, PhD
5. 08.01.2024	11:00-12:30	3	Diagnostics of autoimmune diseases	dr Joanna Czerwińska, PhD

## Katedra Fizjologii i Patofizjologii Człowieka

Lectures schedule of subject: "Immunology"

Academic year 2023/2024; winter semester,

Medicine ED, year II

**NOTE: The numerical order of the lectures has been preserved without their chronological order.**

Date	Time	Topic	Lecturer	Location
1. 03.10.2023	15:45-17:15	Introduction to immunology	Joanna Harażna, PhD prof. UWM	CSM Room 100 D Al.Warszawska 30; Olsztyn
2. 06.10.2023	08:15-09:45	Innate and adaptive responses. Identification and presentation of the antigen	Joanna Harażna, PhD prof. UWM	CSM Room ABC Al.Warszawska 30; Olsztyn 30; Olsztyn
3. 17.10.2023	15:45-17:15	Humoral and cellular response	Joanna Harażna, PhD prof. UWM	CSM Room 100 D Al.Warszawska 30; Olsztyn
4. 17.11.2023	08:15-09:45	Immune tolerance and autoimmune reactions	Joanna Harażna, PhD prof. UWM	CSM Room 100 D Al.Warszawska 30; Olsztyn
5. 24.11.2023	08:15-09:45	Transplant immunology	Norbert Kwella MD Transplantologist	CSM Room 100 D Al.Warszawska 30; Olsztyn
6. 05.01.2024	18:00-19:30	Hypersensitivity	Natalia Zdanowska MD, PhD	CSM Room ABC Al.Warszawska 30; Olsztyn
7. 19.01.2024	08:15-09:45	Infection immunology. Innate and adaptive immune deficiencies	Joanna Harażna, PhD prof. UWM	CSM Room 100 D Al.Warszawska 30; Olsztyn
8. 12.01.2024	18:00-19:30	Nutrition and immunity. Immunology of metabolic disorders	Natalia Zdanowska MD, PhD	UWM Library Room 116 KORTOWO Ul. Michała Oczapowskiego

				12B, Olsztyn
9. 04.12.2023	16:00-17:30	Oncoimmunology	Dawid Sigorski MD, PhD	Seminary room; CSM Room 100 D Al.Warszawska 30; Olsztyn
10. 19.01.2024	18:00-19:30	Reproductive immunology	Natalia Zdanowska MD, PhD	CSM Room ABC Al.Warszawska 30; Olsztyn

**The exam is scheduled for Wednesday, January 31, 2024 in the auditorium. Prof. Moczarski, ul. Oczapowskiego 5 in Olsztyn / Kortowo. Room reservation required 8:30 - 12:00**