

**Subject card**

<b>Subject name and code</b>	Clinical immunology, PG_00079305						
<b>Field of study</b>	Medical Biology						
<b>Date of commencement of studies</b>	October 2023	<b>Academic year of realisation of subject</b>				2025/2026	
<b>Education level</b>	Bachelor's studies	<b>Subject group</b>				Optional subject group Subject group related to scientific research in the field of study	
<b>Mode of study</b>	full-time studies	<b>Mode of delivery</b>				at the university	
<b>Year of study</b>	3	<b>Language of instruction</b>				Polish	
<b>Semester of study</b>	5	<b>ECTS credits</b>				2.0	
<b>Learning profile</b>	academic	<b>Assessment form</b>				exam	
<b>Conducting unit</b>	Department of General and Medical Biochemistry -> Faculty of Biology -> Rector						
<b>Name and surname of lecturer (lecturers)</b>	<b>Subject supervisor</b>		dr n. med. Marlena Typiak				
	<b>Teachers</b>		dr n. med. Marlena Typiak dr hab. Dorota Żurawa-Janicka				
<b>Lesson types</b>	<b>Lesson type</b>	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	<b>Number of study hours</b>	30.0	0.0	0.0	0.0	0.0	30
	E-learning hours included: 0.0						
<b>Learning activity and number of study hours</b>	<b>Learning activity</b>	Participation in didactic classes included in study plan		Participation in consultation hours		Self-study	SUM
	<b>Number of study hours</b>	30		0.0		0.0	30
<b>Subject objectives</b>	familiarizing students with the clinical picture and pathophysiology of selected diseases caused by immunological disorders, indication of the role of immunogenetics in selected diseases and transplantology, preparing the student to work in a specialized medical team, indicating the possibility of combining scientific research with the diagnosis of selected clinical cases, tracing the relationship between individual immunological defects and a specific clinical picture						
<b>Learning outcomes</b>	<b>Course outcome</b>		<b>Subject outcome</b>			<b>Method of verification</b>	
						[SW4] test/exam - oral or written [SU1] oral statement/conversation/discussion	
<b>Subject contents</b>	Topics of the lecture Clinical picture and pathophysiology of selected diseases caused by immunological disorders, including: primary immunodeficiencies, autoimmune diseases, interactions of the microbiome and the immune system, immune response against cancer, reproductive disorders, allergy and anaphylaxis. Disease syndromes in immunology. Therapy with immunoglobulin preparations, biological treatment basics and application. Introduction to transplantology, selected immunogenetic issues. Active and passive immunization.						

