University of Gdańsk

Subject card

Subject name and code	Clinical immunology, PG_00079306		
Field of study	Medical Biology		
Date of commencement of studies	October 2023	Academic year of realisation of subject	2025/2026
Education level	Bachelor's studies	Subject group	Optional subject group Subject group related to scientific research in the field of study
Mode of study	full-time studies	Mode of delivery	at the university
Year of study	3	Language of instruction	Polish
Semester of study	5	ECTS credits	3.0
Learning profile	academic	Assessment form	credit
Conducting unit	Department of General and Medical Biochemistry -> Faculty of Biology -> Rector		
Name and surname of lecturer (lecturers)	Subject supervisor	dr n. med. Marlena Typiak	
	Teachers	dr n. med. Marlena Typiak	

Lesson types

Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
Number of study hours	0.0	30.0	0.0	0.0	0.0	30

E-learning hours included: 0.0

Learning activity and number of study hours

Learning activity	Participation in didactic classes included in study plan	Participation in consultation hours	Self-study	SUM
Number of study hours	30	0.0	0.0	30

Subject objectives

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

Learning outcomes

Course outcome	Subject outcome	Method of verification
		[SW4] test/exam - oral or written [SW1] oral statement/ conversation/discussion [SK8] observation of student's independent or team work

Subject contents

Flow cytometry and other methods used in clinical immunology; antibody determination; assessment of cellular response, phagocytosis, complement system; immunogenetics

Prerequisites and co-requisites

Completed courses on the topics: Propaedeutics of internal diseases, Basics of cellular and molecular immunology

Assessment methods and criteria

Subject passing criteria	Passing threshold	Percentage of the final grade
correct answers to questions	51.0%	60.0%
presentation/group work	51.0%	40.0%

Recommended reading	Basic literature	Clinical immunology, H. Chapel et al., ed. Grzegorz Senatorski, ed. Czelej 2009;Immunology, ed. J. Gołąb, M. Jakóbisiak et al., ed. PWN 2012
	Supplementary literature	Cellular and Molecular Immunology, A.Abbas et al., Elsevier, 2021
	eResources addresses	
Example issues/ example questions/ tasks being completed	Based on the materials provided by the teacher and other available sources, prepare a multimedia presentation in the group, including the characteristics of artificial (plastic) monoclonal antibodies and their use.	
Work placement	Not applicable	

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