

Subject card

Subject name and code	Clinical Immunology with Immunotherapy, PG_00153636						
Field of study	Biotechnology						
Date of commencement of studies	October 2025		Academic year of realisation of subject		2025/2026		
Education level	Master's studies		Subject group				
Mode of study	full-time studies		Mode of delivery		at the university		
Year of study	1		Language of instruction		Polish		
Semester of study	2		ECTS credits		2.0		
Learning profile	academic		Assessment form		credit		
Conducting unit							
Name and surname of lecturer (lecturers)	Subject supervisor		dr hab. Andrea Lipińska				
	Teachers		dr hab. Bartosz Słomiński				
			dr hab. Monika Ryba-Stanisławowska				
Lesson types	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	15.0	0.0	15.0	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		5.0		15.0	50
Subject objectives							

Learning outcomes	Course outcome	Subject outcome	Method of verification
	[BIOTECHMU2_W03] The graduate knows and understands concepts of therapy and diagnostic methods of human diseases, including the mechanisms of action of selected drugs, immunotherapy and gene therapy.		
	[BIOTECHMU2_U02] The graduate is able to collect and interpret empirical data; use statistical methods and IT tools in data analysis; formulate conclusions based on empirical data		
	[BIOTECHMU2_U01] The graduate possesses the skills necessary for laboratory work; is able to plan and conduct an experiment; documents activities and results; uses complex research techniques and tools in laboratory work under the supervision of a supervisor; has the ability to operate laboratory equipment; applies occupational health and safety principles; understands the risks associated with laboratory work.		
	[BIOTECHMU2_K02] The graduate possesses competences to collaborate in the implementation of research work and work in a team.		
Subject contents			
Prerequisites and co-requisites			
Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
		0.0%	0.0%
Recommended reading	Basic literature		
	Supplementary literature		
	eResources addresses		
Example issues/ example questions/ tasks being completed			
Work placement	Not applicable		

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