

Subject card

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|---|---|--|--|------------|--|---------|-----|
| 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% | | | | |

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| Recommended reading | Basic literature | Clinical immunology, H. Chapel et al., ed. Grzegorz Senatorski, ed. Czelej 2009; Immunology, ed. J. Gołęb, M. Jakóbsiak 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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