

Name of university, Name of faculty: Trnava University
Faculty of Health Care and Social Work

INFORMATION SHEET OF THE SUBJECT

Code: LMmEE36		Name: Clinical immunology and allergology			
Cover: Department of Theoretical Disciplines and Laboratory Investigation Methods					
Type of educational activity: Seminar				Number of credits: 4	Recommended semester: WT
Scope of educational activity (in hours):					Study grade: Master
Weekly: - For term of study: ZS 36					
Method of educational activity:					
Recommended semester	Study programme				
2. year WT	Laboratory Medicine (E2-LVMvZ-23)				
Underlie subjects:					
Conditions for passing the course:					
Method of evaluation: Completion by taking an examination					
Continuous evaluation: none					
Final evaluation: - preparation of a seminar paper in the field of basic immunology					
- participating in seminar discussions					
- preparation of a seminar paper presentation in PowerPoint, its presentation and discussion on the topic with classmates					
- final test					
Scoring of individual parts: a seminar paper is worth a total of 15 points, a presentation in PP is worth a total of 15 points, oral exam is 70 points					
Evaluation: A: 100 – 95%; B: 94 – 89%; C: 88 – 83%; D: 82 – 77%; E: 76 – 71%; FX: 70% and less					
Finished: Oral exam					
Learning outcomes:					
VV1 The student acquires basic knowledge of clinical immunology and allergology					
VV2 The student is familiar with the most important immunological laboratory tests and is able to interpret them in the context of immunopathological conditions					
VV3 The student understands the position of immunology in today's world					
VV4 The student is able to explain the immune events in a COVID-19 pandemic situation					
VV5 The student is able to evaluate the laboratory tests					
VV6 The student is able to explain the principles of vaccination, protection against infections, etc.					
Schedule of subject:					
1) Introduction: basic characteristics of immunological responses					
2) Anaphylaxis and atopy (type I hypersensitivity reactions)					
3) Hypersensitivity reactions II.-IV. (V.) type					
4) Immunodeficiency					
5) Anti-infectious immunity					
6) HLA system and transplantation					
7) Autoimmunity					
8) Tumors and the immune system					
9) Manipulation of immune mechanisms (vaccination, immunomodulation, immunosuppression of the immune system)					
10) presentation of students					
Recommended reading:					
1) HOŘEJŠÍ, V. – BARTUŇKOVÁ, J. – BRDIČKA, T. – SPÍŠEK, R.: Základy imunologie. Triton. 2017. ISBN 978-80-7553-250-3.					
2) MATEJČKA, F. – BLAŽIČKOVÁ, S. – BOŠÁK, V.: Imunológia pre poslucháčov FZSP. SAP – Slovak Academic Press, spol. s r.o. 2005. ISBN 80-89104-40-1.					
3) NEUSCHLOVÁ, M. – NOVÁKOVÁ, E. – KOMPANÍKOVÁ, J.: Imunológia – ako pracuje imunitný systém. Univerzita Komenského v Bratislave, Jesseniova lekárska fakulta v Martine. 2017. ISBN 978-80-8187-031-6. / online: https://portal.jfmed.uniba.sk/download.php?fid=822					
Language requirements: Slovak					
Notes:					
Full time combined method consists of: seminars / on-line, discussion groups in MS Teams/					
Self-study is supported by e-learning.					
100% participation is required.					
Course evaluation:					
Assessed students in total: 9					
A	B	C	D	E	FX
56%	22%	0%	11%	11%	0%

Lecturers:

doc. Ing. Stanislava Blažíčková, PhD., MPH, univ.prof., examiner, seminary supervisor

Date of last change: 01.09.2026

Approved by: doc. Ing. Stanislava Blažíčková, PhD., MPH, univ.prof.