

Dear students,

Welcome to the course in Medical (Human) Microbiology during the third and fourth semester of the second year.

Medical Microbiology deals with the causes of infectious diseases and infections in general as health disorders. The key content of Medical Microbiology relates to the pathogenesis and laboratory diagnosis of these conditions.

Medical Microbiology is closely related to Epidemiology, Immunology, Pathology, Clinical Infectious Diseases, and Dermatovenerology.

In short, your course includes:

- Introduction in Medical Microbiology
- General biology of infectious agents: bacteria, viruses, parasites (protozoa, helminths, arthropods), and fungi
- Agents of bacterial infections (biology) and pathogenesis and laboratory diagnosis of bacterial infections
- Agents of viral infections (biology) and pathogenesis and laboratory diagnosis of viral infections
- Agents of parasitic infections (biology) and pathogenesis and laboratory diagnosis of parasitic infections
- Agents of fungal infections (biology) and pathogenesis and laboratory diagnosis of fungal infections
- Methods used for detection of infectious agents in patient material (clinical specimens: swabs, feces, sputum, blood, stool, CSF, tissue biopsy, etc.)
- Antimicrobial agents (drugs)
- Prevention of infections (general and specific, such as vaccines)

You can find all the necessary information on the Online Study Platform 2022-2023. Over the next week, the information will be more complete, after the end of the October II Exam Period.

Wish you a successful start of the new school year on behalf of the Department of Medical and Clinical Microbiology of the Institute of Microbiology and Immunology, University of Belgrade Faculty of Medicine.

Course Director



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