

**SYLLABUS OF THE LECTURES FOR 3rd YEAR STUDENTS
OF GENERAL MEDICINE; WINTER SEMESTER 2023/2024
MICROBIOLOGY 2**

Lecture: Tuesday 15:30 – 17:20 Small auditory

Lecture No. 1	Univ.prof. Adriána Liptáková, MD., PhD., MPH	12.9.2023
Introduction to clinical microbiology. Microbiological data for targeted antibiotic therapy. Diagnostic laboratory methods in clinical microbiology. Antiinfectious immunity - a short overview. Active and passive immunisation. Immunomodulators of microbial origin.		
Lecture No. 2	Univ.prof. Adriána Liptáková, MD., PhD., MPH	19.9.2023
The respiratory tract microbiota. Infections of the upper and lower respiratory tract.		
Lecture No. 3	Univ.prof. Adriána Liptáková, MD., PhD., MPH	26.9.2023
The gastrointestinal tract microbiota. Gastrointestinal tract infections, infections of the liver and biliary tract.		
Lecture No. 4	Assoc .prof. RNDr. Lívia Slobodníková, PhD.	3.10.2023
The urinary tract microbiota. Infections of the urinary tract.		
Lecture No. 5	Assoc .prof. RNDr. Lívia Slobodníková, PhD.	10.10.2023
The skin microbiota. Infections of the skin and subcutaneous tissue, osteomyelitis, infections in orthopaedics.		
Lecture No.6	Univ. prof. Adriána Liptáková, MD., PhD., MPH	17.10.2023
Infections caused by anaerobic bacteria		
Lecture No.7	MUDr. Ján Koreň, PhD.	24.10.2023
Bacteremia, sepsis, cardiovascular infections. Endocarditis.		
Lecture No.8	Univ. prof. Adriána Liptáková, MD., PhD., MPH	31.10.2023
Neuroinfections. Eye infections.		
Lecture No.9	Univ. prof. Adriána Liptáková, MD., PhD., MPH/Marek Straka, Mgr.	7.11.2023
The genital tract microbiota. Sexually transmitted infections; the other infections of genital system.		
Lecture No.10	Univ.prof. Adriána Liptáková, MD., PhD., MPH	14.11.2023
Congenital, perinatal and neonatal infections. Specifics of infectious diseases during pregnancy and after childbirth. Screening for infectious diseases during pregnancy		
Lecture No. 11	Univ.prof. Adriána Liptáková, MD., PhD., MPH	21.11.2023
Infections in immunocompromised patient. Infections associated with the presence of a foreign body and biofilm formation.		
Lecture No. 12	Univ.prof. Adriána Liptáková, MD., PhD., MPH.	28.11.2023
Epidemiology and prevention of infections. Nosocomial infections. Infections caused by resistant bacteria. The basic principles of rational antimicrobial therapy. Bioterrorism.		

The lecture will take place in the on-site learning form

In Bratislava, 16.10.2023,

Univ.prof. Adriána Liptáková, MD., PhD., MPH
The Head of the Institute of Microbiology,
Faculty of Medicine, Comenius University in Bratislava