

COURSE DESCRIPTION

Academic year: 2022/2023	
University: Comenius University Bratislava	
Faculty: Faculty of Pharmacy	
Course ID: FaF.KFT/20-Bc/00	Course title: Fundamentals of Pharmacology (1)
Educational activities: Type of activities: lecture Number of hours: per week: 2 per level/semester: 28 Form of the course: on-site learning	
Number of credits: 2	
Recommended semester: 3.	
Educational level: I.	
Prerequisites:	
Course requirements: It is required that the students attend lectures and pass a written exam, with a result of minimum 60% Scale of assessment (preliminary/final): 0/100	
Learning outcomes: Students shall adopt an overview of pharmacology in general, learn about mechanisms of drug action as well as their fate in the body, learn about therapeutic and adverse effects of drugs and gain a basic overview of drugs acting on central and peripheral nerve systems, skeletomusculst system and smooth muscle.	
Class syllabus: Pharmacology and toxicology, general terms, placement in the system of sciences. Terminology, drug, medicine, nomenclature. Pharmacokinetics. Pharmacodynamics, drug actions and their mechanisms. Development of new drugs and medicines. Risks associated with the use of drugs, interactions. Drugs acting on the nerve systems. Toxicology of drugs. Drug abuse, addiction. Psychoactive drugs. Drugs acting on peripheral nerve systems. Drugs acting on pain. Drugs influencing skeletomuscular system. Drugs acting on smooth muscle.	
Recommended literature: Hynie, S.: Farmakologie v kostce. Praha, Triton 2001. 520 s. Višňovský, P.: Farmakologie do kapsy. Praha, Maxdorf 1998. 349 s. Perlík, F.: Základy farmakologie. Praha: Galén, 2011. 182 s. Mirossay L, Mojžiš J. a kolektív: Základná farmakológia a farmakoterapia, Equilibria s.r.o., Košice 2021	
Languages necessary to complete the course: Slovak	
Notes:	

Past grade distribution						
Total number of evaluated students: 249						
A	ABS	B	C	D	E	FX
5,22	0,0	14,46	24,1	30,92	22,49	2,81
Lecturers: prof. RNDr. Magdaléna Kuželová, CSc., doc. PharmDr. Peter Křenek, PhD., PharmDr. Elena Ondriašová, CSc., prof. PharmDr. Ján Klimas, PhD., MPH, PharmDr. Gabriel Dóka, PhD., prof. PharmDr. Adriana Duriš Adameová, PhD.						
Last change: 09.12.2021						
Approved by: doc. PharmDr. Peter Křenek, PhD.						