

COURSE DESCRIPTION

University: Comenius University in Bratislava	
Faculty: Faculty of Pharmacy	
Course ID: FaF.KFT/29-Mgr/20	Course title: Pharmacology of Orphan Drugs
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: 6.	
Educational level: I.II.	
Prerequisites:	
Recommended prerequisites: Completion of Pathology of Rare Diseases and Pharmacology 1 is an advantage	
Course requirements: Compulsory attendance at 80% of lectures and processing of information about the selected drug in the form of a ppt presentation and contribution to the journal of the Slovak Chamber of Pharmacist - Lekárnické listy (Pharmacy Letters). Scale of assessment (preliminary/final): Interim assessment consists of evaluating ppt presentations on the assigned topics. The final evaluation is based on the interim assessment together with evaluation of the presentation of the contribution to the journal of the Slovak Chamber of Pharmacist - Lekárnické listy (Pharmacy Letters).	
Learning outcomes: The course develops the topic of rare diseases from the point of view of pharmacology but also current research projects in this field. It introduces students to treatable rare diseases. It explains the mechanisms of action of drugs on rare diseases, indications and contraindications. The course provides students with basic information on treatable rare diseases, orphan drug development and authorisation, the effectivity and safety of orphan drugs. The student is gradually introduced to selected drugs for metabolic rare diseases, rare diseases of the cardiovascular, respiratory, nervous and immune systems, or rare neuromuscular diseases and rare blood diseases. Completion of Pathology of Rare Disease or Pharmacology 1 is an advantage.	
Class syllabus: The concept and definition of orphan drugs in Europe and worldwide - Rare disease research - Practical examples of selected drugs for rare diseases - metabolic diseases, diseases of the respiratory system, diseases of the nervous system, neuromuscular diseases, diseases of the blood, diseases of the immune system	
Recommended literature: KUBÁČKOVÁ K.: Vzácná onemocnení v kosce, Maldá fronta 2014, ISBN 9788020431493, KUBÁČKOVÁ K.: Vzácné nádory v onkologii, Mladá fronta, 2015, ISBN 9788020436580, www.orpha.net, http://www.irdirc.org/ , https://www.ema.europa.eu/en , www.sukl.sk ,	

Languages necessary to complete the course: Slovak and English						
Notes:						
Past grade distribution Total number of evaluated students: 19						
A	ABS	B	C	D	E	FX
57,89	0,0	31,58	0,0	10,53	0,0	0,0
Lecturers: PharmDr. Tatiana Foltánová, PhD., prof. PharmDr. Ján Klimas, PhD., MPH, PharmDr. Eva Malíková, PhD., PharmDr. Eva Kráľová, PhD.						
Last change: 09.12.2021						
Approved by: PharmDr. Tatiana Foltánová, PhD.						