

## SYLLABUS

<b>Subject</b>	<b>Pharmacology</b>		
<b>Study program</b>	<i>Medical Pharmacology</i>	<b>Degree of study:</b>	<i>III.</i>
<b>Evaluation:</b>	<i>exam</i>	<b>Subject Type:</b>	<i>Compulsory</i>
<b>Period</b>	<i>Winter semester / Summer semester</i>		

Department: **Pharmacology, UPJŠ FM**

<b>Week</b>	<b>Lectures Winter semester</b>	<a href="https://portal.lf.upjs.sk/index-en.php">https://portal.lf.upjs.sk/index-en.php</a>
1.	Introduction to pharmacology.	
2.	Basic pharmacokinetic principles - I.	
3.	Basic pharmacokinetic principles - II.	
4.	Mechanisms of drug action. (Pharmacodynamics).	
5.	Unwanted drug effects. Factors influencing drug action.	
6.	Adrenergic neurotransmission and drugs affecting adrenergic nervous system.	
7.	Cholinergic neurotransmission and drugs affecting cholinergic nervous system.	
8.	Pharmacology of CNS.	
9.	Antidepressants. Antianxiety drugs. Hypnotics. Psychostimulants and psychodysleptics.	
10.	Drugs used to treat motor disorders.	
11.	General anesthetics. Local anesthetics.	
12.	Opioid analgesics.	
13.	Antipyretic analgesics. Nonsteroidal antiinflammatory drugs.	
14.	Drug dependence.	
<b>Week</b>	<b>Lectures Summer semester</b>	<a href="https://portal.lf.upjs.sk/index-en.php">https://portal.lf.upjs.sk/index-en.php</a>
1.	Drugs used in treatment of heart diseases. Antianginal drugs.	
2.	Antihypertensive drugs.	
3.	Drugs used to treat heart failure.	
4.	Drugs used to treat arrhythmias. Hypolipidemics.	
5.	Drugs used in disorders of haemostasis. Antianaemic drugs.	
6.	Antidiabetics. Drugs used to treat thyroid disorders.	
7.	Corticosteroids. Sex hormones.	
8.	Drugs used to treat respiratory and GIT diseases	
9.	Basic principles of chemotherapy. $\beta$ - lactame ATB. Tetracyclins	
10.	Other ATB and chemotherapeutics.	
11.	Other chemotherapeutics.	
12.	Basic principles of anticancer chemotherapy.	
13.	Anticancer drugs.	
14.	Drug interactions. Clinically relevant drug intoxications and their therapy	