

Clinical Pharmacology and Pharmacotherapy I

4th year, winter term 2021/2022

LECTURES

Time schedule: Wednesday 11.10 – 12.55 hrs, online (MS Teams)

<p><u>1st week – September 22, 2021</u></p> <p>Introduction to the study of Clinical Pharmacology and Pharmacotherapy. Clinical Pharmacy. Rational pharmacotherapy – pharmacotherapeutical risk. Pharmacotherapeutical failure.</p>	Prof. Klimas
<p><u>2nd week – September 29, 2021</u></p> <p>Preclinical evaluation of drugs. <i>The preclinical stages. Toxicological studies in preclinical evaluation of drugs. Preclinical disease models. Alternative models in drug discovery and development.</i></p>	Prof. Klimas
<p><u>3rd week – October 6, 2021</u></p> <p>Clinical evaluation of drugs. <i>Clinical development. Monitoring of new drugs in clinical practice. Placebo – its importance and clinical use.</i></p>	Dr. Foltánová
<p><u>4th week – October 13, 2021</u></p> <p>Toxic vs. adverse drug reactions</p>	Prof. Klimas
<p><u>5th week – October 20, 2021</u></p> <p>Drug interactions. <i>Types of interactions, their characteristic, isoenzymes CYP and their clinical importance.</i></p>	Dr. Ondriašová
<p><u>6th week – October 27, 2021</u></p> <p>European drug policy <i>European Medicine Agency (EMA), orphan drugs</i></p>	Dr. Foltánová
<p><u>7th week – November 3, 2021</u></p> <p>Individual variability in pharmacotherapy I. <i>Specificity of pharmacotherapy in pregnancy</i></p>	Prof. Kuželová
<p><u>8th week – November 10, 2021</u></p> <p>Individual variability in pharmacotherapy II. <i>Specificity of pharmacotherapy in neonatal and pediatric patients</i></p>	Prof. Kuželová
<p><u>9th week – November 17, 2021</u></p> <p>- <i>(Holiday: Day of the struggle for freedom and democracy)</i></p>	-

<u>10th week – November 24, 2021</u> Individual variability in pharmacotherapy III. <i>Specificity of pharmacotherapy in elderly.</i>	Prof. Kuželová
<u>11th week – December 1, 2021</u> Chronopharmacology and its importance in pharmacotherapy	Dr. Kosírová
<u>12th week – December 8, 2021</u> Pharmacogenetics - Importance of for the racional Pharmacotherapy <i>(Influence of genetic factors on drug effects)</i>	Dr. Dóka
<u>13th week – December 15, 2021</u> Reserved topic	

Bratislava, September 13, 2021

prof. PharmDr. Ján Klimas, PhD. MPH
gestor