

CLINICAL PHARMACOLOGY

5th YEAR

summer semester 2020/2021

Wrocław, 10.02.2021

Aim of classes: During the course, students will take an active part in interactive lectures and lectures presented by teacher. Each Student of the seminar will describe project selected by him/her from a list provided by the teacher. The presentation should be focusing on the most relevant information about the process/drug selected (f.eg. for a drug: the drug release from the dosage form, administration of the drug, its metabolism, and removing from the body.)

Seminars:

Hours: 15:00-19:00, dates: from 22.02. to 26.02.2021 Form: online with the use of Teams platform.

Teacher: dr Irena Duś-Ilnicka

Classes are divided in two parts – first spoken by teacher, second done by student:

Monday, 22.02.2021, hours 15:00 - 19:30:

- Introduction to Clinical Pharmacology course. Description of activities, forms of student's activity during class assessment, an introduction to Clinical Pharmacology classes during the winter semester, establishment of organizational matters.
- Interactive lecture. Concepts and methods used in clinical pharmacology - the description of the pattern of drug in the body.

Tuesday: 23.02.2021, hours 15:00 - 19:30:

- Factors determining the adverse effects of drugs, organ damage and organ dysfunction of the body. Methods of prevention and monitoring of adverse drug reactions.
- Interactive lecture. Drug interactions, drug interaction implications.

Wednesday 24.02.2021, hours 15:00 - 19:30:

- Determination of drug influence on the patient's laboratory results.
- Changes of drug action in relation to the patient's pathological condition.

Thursday 25.02.2021, hours 15:00 - 19:30:

- Interactive lecture. Pharmacogenetics and pharmacogenomics - what and for whom? Introduction to the classes of clinical trials.
- Diversity of age and physiological condition of the patient, and its influence to the use of medication, due to the pharmacotherapy of newborns, pregnant women and nursing mothers, or the elderly.

Friday: 26.02.2021, hours 15:00 - 19:30:

- Invited lecture of dr Marta Mazur from Sapienza University, Rome Italy, Title of the lecture: „Correlation between developmental defects of enamel and drug intake and exposure to environmental factors.”
- Evidence Based Medicine, EBM, Good Clinical Practice, GCP. Fitotherapy - therapy with the use of herbs for lichenoid lesions in oral cavity.

Literature:

1. Basic & Clinical Pharmacology, Katzung BG, Mc Graw Hill, 10th Ed, 2007
2. Goodman & Gilman's, The Pharmacological Basis of Therapeutics. L Brunton, J Lazo, IBuxton, D Blumenthal, McGraw-Hill, 11th Ed, 2006

Responsible for didactics

**Head of Oral
Pathology Department**