

DEPARTMENT OF PHARMACOLOGY AND TOXICOLOGY

Faculty of Pharmacy, Comenius University
832 32 Bratislava 3, Odbojárov 10

Garrant: Assoc. Prof. Stankovičová T., MD., CSc.

Subject: **Pathology (obligatory)**

Year: 2nd

Term: Winter **2019**

Weekly hours: 2/2(E)

Credits: 5

Lecturers: Assoc. Prof. MD. Stankovičová T., CSc., Prof. PharmD. Klimas J., PhD., PharmD. Foltánová T., PhD., PharmD. Jankyová S., PhD., PharmD. Kráľová E., PhD., PharmD. Kiliánová Z., PhD.

Educational period: 23.9.2019 - 20.12.2019

Examination period: 2.1.2020 - 14.2.2020

Lectures: Time: **Tuesday 9.20 - 11.05 a.m.**

Place: **Odbojárov 10, lecture room N°: O 101**

Syllabus of the Lectures

1st week: 24.9.2019

Introduction to patology. Concept of disease and illness – etiology (mechanical, chemical, physical, biological injury), pathogenesis, symptomatology, complications, prognosis, epidemiology, and classification

Assoc. Prof. MD. Stankovičová T., CSc.

2nd week: 1.10.2019

Principles of molecular pathogenesis and genetics. Genetic abnormalities (chromosomal abnormalities, sex chromosome disorders, gene mutations and disorders), developmental disorders. Hereditary diseases. Hereditary forms of malignant diseases.

PharmD. Foltánová T., PhD.

3rd week: 8.10.2019

Inflammation - etiology, acute, chronic, pathomechanisms. role of blood elements, mediators. Characteristics local (rubor, calor, tumor, dolor, functio laesa) and general (temperature, fever, hypothermia)..Specific granulatory inflammation

PharmD. Kiliánová Z., PhD.

4th week: 15.10.2019

Pain – etiopathogenesis, symptomatology, consequences, prophylaxis

Assoc. Prof. MD. Stankovičová T., CSc.

5th week: 22.10.2019

Alterations in blood pressure and circulation. Hypertension. Etiopathogenesis, symptomatology, compensatory mechanisms, complications.

Prof. PharmD. Klimas J., PhD.

6th week: 29.10.2019

Alterations in coronary circulation. Ischemic disease of the heart. Myocardial Infarction. Definition, type/form/clinical picture, etiopathogenesis, symptomatology, compensatory mechanisms, consequences

Assoc. Prof. MD. Stankovičová T., CSc.

7th week: 5.11.2019

Alterations in heart function. Rhythm disturbances. Heart failure. Definition, type/form/clinical picture, etiopathogenesis, symptomatology, compensatory mechanisms, consequences

Prof. PharmD. Klimas J., PhD.

8th week: 12.11.2019

Diseases of the respiratory system. Astma. Bronchitis, Obstructive airways disease. Pneumonia. Respiratory insufficiency. Definition, type/form/clinical picture, etiopathogenesis, symptomatology, compensatory mechanisms, consequences

Prof. PharmD. Klimas J., PhD.

9th week: 19.11.2019

Alterations of the digestive function. Reflux oesophagitis, ulcer disease. Liver diseases - jaundice, hepatitis, cirrhosis, failure. Definition, type/form/clinical picture, etiopathogenesis, symptomatology, consequences

PharmD. Foltánová T., PhD.

10th week: 26.11.2019

Renal disorders. Glomerulonephritis, renal failure, Inflammation, stones. Definition, type/form/clinical picture, etiopathogenesis, symptomatology, compensatory mechanisms, consequences

Assoc. Prof. MD. Stankovičová T., CSc.

11th week: 3.12.2019

Selected disorders of the nervous system. Disturbances in the sleep, memory disturbances, pathophysiology of ANS. Definition, type/form/clinical picture, etiopathogenesis, symptomatology, consequences

Assoc. Prof. PharmD. A. Paul Hrabovská, PhD.

12th week: 10.12.2019

Psychiatric disorders - anxiety and personality disorders, depression, bipolar disorder, schizophrenia

Assoc. Prof. PharmD. A. Paul Hrabovská, PhD.

13th week: 17.12.2019

Basic concepts of tumor pathology. Definitions and epidemiology. Classification. benign and malignant neoplasia. clinical manifestation, metastasis, prognosis

Prof. PharmDr. J. Klimas, PhD.

Holidays: 31.10.?, 1.11. – religious,

in Bratislava 6.9.2019

Prof. PharmD. J. Klimas, PhD., MPH
Head of the department

Assoc. Prof. MD. T. Stankovičová, CSc.
Guarantor