

INFORMATION ABOUT THE FIRST COLLOQUIUM IN PATHOPHYSIOLOGY

the **first colloquium in Pathophysiology** will be held on **Tuesday 19.12.2023. at 16:30 h** in the **Classroom 2 (big classroom), Head building, Dr Subotica 8 street, second floor.**

The colloquium consists of 20 questions. The questions are of the single best answer type, meaning the student is given 4 possible answers for each question, and only one of those answers is the correct one. The colloquium may also include a case study (vignette).

If a student does not take the first colloquium in the regular term for a valid reason, e can take a make-up colloquium which will be organised within 10 days. The colloquium is not eliminatory. This means that a student does not have to have any specific number of points in any of the colloquia in order to take the semester signature or the exam.

The number of points you get from a colloquium is equal to the number of correct answers on that colloquium (in other words you cannot fail the colloquium – if you have only one correct answer you get one point).

Colloquium includes the material covered in lectures (20% or less of the questions), and seminars and labs (80% or more of the questions) according to the list below.

LECTURES

Introduction to pathophysiology. Aetiology. Pathogenesis. Genetic and congenital disorders
Systemic and local effects of high and low environmental temperature
Mechanical factors. Electricity. Sound and ultrasound
Disorders due to chemical factors
Disorders due to biologic agents, Fever
Inflammation
Hypersensitivity. Autoimmune diseases. Immunodeficiency
Disorders of carbohydrate metabolism
Metabolism alterations of proteins
Pathophysiologic aspects of enzymopathies
Metabolism alterations of lipids
Aetiopathogenesis of hypercholesterolemia
Extracellular and intracellular dehydration. Water excess and oedema.
Alterations in sodium, chloride, and potassium balance.
Mechanisms of calcium, phosphate, and magnesium imbalances.
Malignant tumours

SEMINARS

Pathophysiology of cellular adaptation and damage
Cellular and systemic hypoxia
Pathophysiologic aspects of radiation
Pathophysiology of acute and chronic stress
Implication of alterations of vitamins and trace elements
Metabolic and systemic alterations in diabetes mellitus
Obesity and under nutrition
Dynamic of atherogenesis
Systemic changes in organism with malignant tumour
Implications and evaluation of water and electrolytes alteration

LABS

LAB #01	Physical aetiological factors I
LAB #02	Physical aetiological factors II
LAB #03	Effect of electrical current, Chemical aetiological factors
LAB #04	Alterations of local circulation
LAB #05	Inflammatory process I
LAB #06	Inflammatory process II
LAB #07	Reactions of hypersensitivity
LAB #08	Pathophysiology of autoimmune diseases
LAB #09	Alterations of protein metabolism
LAB #10	Lipid metabolism disorders
LAB #11	Fluid and electrolyte alterations