

Dear students,

the **third colloquium in pathophysiology** will be held on **Wednesday 29.04.2020. at 11:00 h** in **Classroom 2 in the Head Building**, Dr Subotica 8 street (largest classroom at the end of the hall).

Please read carefully the instructions about taking the colloquium and scoring which are available under the "Grading policy" tab at <http://studiesinenglish.med.bg.ac.rs/courses/third-year/medical-pathophysiology/>

The topics for the third colloquium are:

LECTURES

Disorders of the liver. Liver inflammation. Disorders of hepatic circulation.

Cirrhosis. Ascites. Disorders of the gallbladder. Jaundice. Disorders of hepatic metabolic functions. Alterations in metabolic detoxification.

Glomerular disorders. Glomerulonephritis. Proteinuria. Renal cylinders. Cyturia. Tubular disorders. Glomerulo-tubular fluid-electrolyte imbalance. Oedema.

Alterations of renal circulation. Renovascular hypertension. Renal insufficiency. Acute and chronic renal failure. Renal syndromes.

Alterations of hormonal regulation. Alterations in metabolism of hormones. Alterations of anterior and posterior pituitary. Alterations of thyroid function. Alterations of parathyroid function. Alterations of cortical and medullar adrenal function.

Alterations of female and male reproductive system.

Alterations of neuronal excitability and nerve impulse propagation. Alterations of synaptic transmission.

Alterations of motor function. Degenerative CNS diseases.

SEMINARS

Functional Aspects of Liver Disorders

Pathophysiological Aspects of Renal and Gallbladder Lithiasis

Functional Aspects of Urinary System Disorders

Alcoholism and Drug Abuse & Dependence

Pathophysiological Aspects of Menopausal Alterations

Functional Aspects of Endocrine System Alterations

Functional aspects of skeletal system and pathophysiology of osteoporosis

LABS

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| LAB #18 | Alterations of Liver Functions |
| LAB #19 | Renal disorders I – Analysis of Pathological Urine |
| LAB #20 | Renal disorders II – Pathophysiology of Diuresis |
| LAB #21 | Alterations of Thyroid Gland Function |
| LAB #22 | Disorders and Functional Evaluation of the Autonomic Nervous System |
| LAB #23 | Conduction Disorders in the Neuromuscular Junction |
| LAB #24 | Lesions of the Upper and Lower Motor Neuron |
| LAB #25 | Epilepsy |

The colloquium will be structured so that roughly 80% of the questions are from practicals (seminars and labs) and 20 % are from the lectures.

Regards and good luck on the colloquium,

Course director

Prof. Srdjan Lopicic