

Institute of Medical physiology  
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**SCHOOL OF MEDICINE UNIVERSITY OF BELGRADE  
PROGRAMME OF SEMINARS IN MEDICAL PHYSIOLOGY**

**IV (summer) semester 2023/2024 academic year**

Seminars will be held at the Institute of Medical physiology from 09:45 to 11:15,  
on Monday at C classroom (group IA) and D classroom (group IB), and  
on Tuesday at C classroom (group IIA) and D classroom (group IIB)

- 8. The cardiac cycle: variations in physiological conditions. Cardiac output and its regulation** 2 hrs  
Group IA: 19.02.2024. dr Sanja Mazić, Full professor  
Group IB: 19.02.2024. dr Dragan Đurić, Full professor  
Group IIA: 20.02.2024. dr Predrag Brkić, Associate professor  
Group IIB: 20.02.2024. dr Dragan Đurić, Full professor
- 9. Homeostatic mechanisms underlying arterial blood pressure maintenance** 2 hrs  
Group IA: 26.02.2024. dr Dragan Đurić, Full professor  
Group IB: 26.02.2024. dr Marija Stojanović, Assistant professor  
Group IIA: 27.02.2024. dr Predrag Brkić, Associate professor  
Group IIB: 27.02.2024. dr Dragan Đurić, Full professor
- 10. Circulation through special regions: cerebral, coronary, skeletal muscles, and skin circulation** 2hrs  
Group IA: 04.03.2024. dr Marina Đelić, Associate professor  
Group IB: 04.03.2024. dr Dragan Hrnčić, Associate professor  
Group IIA: 05.03.2024. dr Dragan Hrnčić, Associate professor  
Group IIB: 05.03.2024. dr Marija Stojanović, Assistant professor
- 11. Hemostasis** 2hrs  
Group IA: 01.04.2024. dr Marina Đelić, Associate professor  
Group IB: 01.04.2024. dr Dragan Hrnčić, Associate professor  
Group IIA: 02.04.2024. dr Marina Đelić, Associate professor  
Group IIB: 02.04.2024. dr Igor Pantić, Associate professor
- 12. Role of the kidneys in the regulation of extracellular fluid volume and composition.**  
**Kidney hormones** 2 hrs  
Group IA: 08.04.2024. dr Dragan Hrnčić, Associate professor  
Group IB: 08.04.2024. dr Jovana Jakovljević Uzelac, Assistant professor  
Group IIA: 09.04.2024. dr Dragan Hrnčić, Associate professor  
Group IIB: 09.04.2024. dr Jovana Jakovljević Uzelac, Assistant professor

**SEMINAR: *Chemistry in medical physiology: Acid – base balance. Body chemical buffers*** **2 hrs**  
**Group IA: 15.04.2024. Department of medical chemistry**  
**Group IB: 15.04.2024. Department of medical chemistry**  
**Group IIA: 16.04.2024. Department of medical chemistry**  
**Group IIB: 16.04.2024. Department of medical chemistry**  
 A detailed schedule will be published by the department of chemistry in medical biochemistry.

**13. Regulation of respiration** **2hrs**  
**Group IA: 22.04.2024. dr Marija Stojanović, Assistant professor**  
**Group IB: 22.04.2024. dr Sanja Mazić, Full professor**  
**Group IIA: 23.04.2024. dr Marija Stojanović, Assistant professor**  
**Group IIB: 23.04.2024. dr Sanja Mazić, Full professor**

**14. Glucose homeostasis: hormonal regulation of glycemia** **2hrs**  
**\*Group IA: 06.05.2024. dr Jovana Jakovljević Uzelac, Assistant professor**  
**\*Group IB: 06.05.2024. dr Marina Đelić, Associate professor**  
**Group IIA: 07.05.2024. dr Jovana Jakovljević Uzelac, Assistant professor**  
**Group IIB: 07.05.2024. dr Marina Đelić, Associate professor**

**15. Food intake regulation and hormones of the gastrointestinal system.**  
**Physiological roles of the liver** **2hrs**  
**Group IA: 13.05.2024. dr Aleksandra Rašić Marković, Full professor**  
**Group IB: 13.05.2024. dr Jovana Jakovljević Uzelac, Assistant professor**  
**Group IIA: 14.05.2024. dr Igor Pantić, Associate professor**  
**Group IIB: 14.05.2024. dr Aleksandra Rašić Marković, Full professor**

**16. Calcium and magnesium homeostasis; bones physiology** **2hrs**  
**Group IA: 20.05.2024. dr Dejan Nešić, Full professor**  
**Group IB: 20.05.2024. dr Marina Đelić, Associate professor**  
**Group IIA: 21.05.2024. dr Dejan Nešić, Full professor**  
**Group IIB: 21.05.2024. dr Igor Pantić, Associate professor**

**17. The women reproductive lifecycle and reproductive functions** **2hrs**  
**Group IA: 27.05.2024. dr Igor Pantić, Associate professor**  
**Group IB: 27.05.2024. dr Aleksandra Rašić Marković, Full professor**  
**Group IIA: 28.05.2024. dr Igor Pantić, Associate professor**  
**Group IIB: 28.05.2024. dr Jovana Jakovljević Uzelac, Assistant professor**

**\*Make up of seminars on 06.05.2024 will be organized according to schedule which will be published in timely manner.**