

ELECTIVE COURSES - DEPARTMENT OF MEDICAL PHYSIOLOGY

COURSE: PHYSIOLOGY OF SLEEP

Course manager: Prof. Dr. Olivera Stanojlović

Objective of the course: Integrative understanding of sleep physiology through familiarization with sleep architecture, mechanisms for maintaining the wake-sleep cycle, research techniques in somnology, as well as the specifics of the functioning of homeostatic mechanisms during sleep.

Number of classes: 10 hours of theoretical classes + 20 hours of practical classes (exercises - seminars)

Organizer: Department of Medical Physiology

Method of checking knowledge: Test

T- theoretical teaching

S - seminar

TOPICS, LECTURERS AND DATES OF CLASSES

FRIDAY, 17.04.2026, starting at 16:00, Classroom A

1. Sleep architecture: assessment of the wake-sleep cycle (T)

Professor Dr. D. Hrnčić

2. Circadian sleep physiology, chronotypes (T)

Professor Dr. O. Stanojlović

3. Experimental approach to sleep deprivation: cognitive tests (memory tasks) (S)

Teaching Associate Dr. E. Djurić

4. Sleep regulation (T)

Professor Dr. A. Rašić-Marković

5. Physiological roles of sleep (T)

Assistant Professor Dr. N. Šutulović

6. Effects of caffeine, alcohol, physical activity, sleep chronotypes (S)

Assistant Professor J. Jakovljević

FRIDAY, 24.04.2024, starting at 16:00, Classroom A

7. Influence of meal times and fasting (autophagy) on sleep (S)

Professor Marija Stojanovic

8. Somnogenic and orexigenic neuropeptides (T)

Professor Dr. N. Puskas

9. Specifics of endocrine system function during sleep, biomarkers (cortisol, melatonin, cytokines) (S)

Assistant Professor Dr. Slavica Mutavdzin Krneta

10. Experimental approaches to sleep research: deprivation methods, models of insomnia and other sleep disorders (S)

Professor Dr. D. Hrnčić

TEST

Course: Sleep physiology

Semester: IV

Director: Prof. dr Olivera Stanojlović

1. Magdalena Antić me246068
2. Nedim Osmanović me246022
3. Ilija Blagojević me246029
4. Mariia Kurenkova me246010
5. Teodora Miletić me246067
6. Veljko Gagrica me246031
7. Anja Stanković me246033
8. Milica Ilinčić me246040
9. Tiana Đuranović me246042
10. Ivana Stanković me246015
11. Fatma Tuanna Bayraktar me246021
12. Mateja Vukojević me246049
13. Kaan Hadžić me236008
14. Tuna Yartasi me246064
15. Milena Žarković me246032
16. Deniz Tan Tardu me236059
17. Richard Maša me246070
18. Liza Ševaljević me246063
19. Petr Ragozin me236017
20. Aleksandra Nikolich Radojčić me246001
21. Jordana Evelize Rodrigues me226037