PHARMACOLOGY (2) - SEMINARS - 3rd year, winter term 2026/2027

Friday (9:20 - 11:00) - room K337

Week	Topic	Lecturer
1. 21.9.2026 - 25.9.2026	***Introduction*** *Appointing of the study assignments and student presentations; structure of the presentations, evaluation* **a) Autonomous nervous system** - *review* **b) Local anesthetics**	doc. Máťuš
2. 28.9.2026 - 2.10.2026	***Analgesic drugs*** **a) Non-steroidal antiinflammatory drugs** **b) Opioid analgesics** *Presentations: morphine, fentanyl, paracetamol, ibuprofen, celecoxib*	doc. Máťuš
3. 5.10.2026 - 9.10.2026	***Drugs acting on CNS I*** **a) General anesthetics** **b) Hypnotic and anxiolytic drugs** *Presentations: halothane, thiopental, bromazepam, flumazenil*	dr. Hadová
4. 12.10.2026 - 16.10.2026	***Drugs acting on CNS II*** **a) Antiepileptic drugs** **b) Neurodegenerative disorders** - Treatment of Parkinson and Alzheimer disease *Presentations: carbamazepine, pregabaline, levodopa+carbidopa, rasagiline, donepezil*	dr. Kiliánová
5. 19.10.2026 - 23.10.2026	***Drugs acting on CNS III*** **a) Antidepressant drugs** **b) Antipsychotic drugs** **c) Psychostimulants and psychotomimetic drugs** *Presentations: chlorpromazine, risperidone, fluoxetine, amytriptyline*	doc. Rajtík
6. 26.10.2026 - 30.10.2026	*- holiday -*	
7. 2.11.2026 - 6.11.2026 **TEST 1**	***Test 1 - drugs affecting CNS, analgesics and anesthetic drugs*** **a) Treatment of heart failure. Antihypertensive drugs and hypertension** *Presentations: perindopril, amlodipine, indapamid, eplerenon, ibesartan, digoxin*	doc. Máťuš
8. 9.11.2026 - 13.11.2026	***Drugs affecting GIT*** **b) Antiemetics** **c) Laxatives, antidiarrhoeal drugs** **d) Spasmolytics** *Presentations: atorvastatin, ezetimibe, ranitidine, loperamide, oxytocine*	doc. Rajtík
9. 16.11.2026 - 20.11.2026	***Haemostasis and thrombosis*** **a) Anticoagulants, antiplatelet drugs, fibrinolytics** *Presentations: acetylsalicylic acid, clopidogrel, enoxaparin, warfarin, dabigatran*	dr. Hadová
10. 23.11.2026 - 27.11.2026	***Pharmacology of endocrine system I - Diabetes mellitus*** **a) Hormonal control of blood glucose** **b) Antidiabetic drugs** *Presentations: metformin, sitagliptine, exenatide, lispro*	doc. Máťuš
11. 30.11.2026 - 4.12.2026 **TEST 2**	***Test 2 - drugs affecting cardiovascular system, hypolipidemic drugs, pharmacology of endocrine system*** **a) Antituberculotic drugs** *Presentations: amoxicillin, clarithromycin, isoniazid, metronidazol*	doc. Máťuš
12. 7.12.2026 - 11.12.2026	**Antifungal drugs** *Presentations: amphotericin, ketoconazole, caspofungin*	dr. Mikušová
13. 14.12.2026 - 18.12.2026	***Evaluation of the semester, consultations***	doc. Máťuš

Credits for practicals:

1. 100% attendance on all practicals
2. Missed practicals (max.3) must be substituted
3. Score of 60% or more in both tests
4. Satisfactory presentation of seminar work
5. Preparedness for each practical (lectures, books) and active participation

In Bratislava 8.9.2026

doc. PharmDr. Peter Křenek, PhD.
head of the department