

PHARMACOLOGY (2) - practicals - 4th year, winter term 2021/2022

4th Year : Thursday 8:25 - 11:05 / 3rd Year : Friday 8:25 - 10:10 / ONLINE (MS Teams)

| Week | Topic | Lecturer |
|-----------------------------|--|----------------|
| 1. 20.9.2021 - 24.9.2021 | Introduction <i>Appointing of the study assignments and student presentations; structure of the presentations, evaluation</i> a) Autonomous nervous system - review b) Local anesthetics, general anesthetics | dr. Mátuš |
| 2. 27.9.2021 - 1.10.2021 | Analgesic drugs a) NSAID b) Opioid analgesics <i>Presentations: morphine, fentanyl, paracetamol, ibuprofen, celecoxib</i> | dr. Mátuš |
| 3. 4.10.2021 - 8.10.2021 | Drugs acting on CNS I a) General anesthetics b) Hypnotic and anxiolytic drugs <i>Presentations: halothane, thiopental, bromazepam, flumazenil</i> | dr. Ondriašová |
| 4. 11.10.2021 - 15.10.2021 | Drugs acting on CNS II a) Antiepileptic drugs b) Neurodegenerative disorders - Treatment of Parkinson and Alzheimer disease <i>Presentations: carbamazepine, pregabalin, levodopa+carbidopa, rasagiline, donepezil</i> | dr. Kiliánová |
| 5. 18.10.2021 - 22.10.2021 | Drugs acting on CNS III a) Antidepressant drugs b) Antipsychotic drugs c) Psychostimulants and psychotomimetic drugs <i>Presentations: chlorpromazine, risperidone, fluoxetine, amitriptyline</i> | dr. Vavrinec |
| 6. 25.10.2021 - 29.10.2021 | TEST 1 Test 1 - drugs affecting CNS, analgesics and anesthetic drugs a) Treatment of heart failure. Antihypertensive drugs and hypertension <i>Presentations: perindopril, amlodipine, indapamid, eplerenon, ibesartan, digoxin</i> | dr. Mátuš |
| 7. 1.11.2021 - 5.11.2021 | Treatment of respiratory system a) Regulation of respiration b) Antiasthmatic drugs c) Expectorants, antitussants <i>Presentations: salmeterol, tiotropium, budesonide, codein, ambroxol</i> | dr. Vavrinec |
| 8. 8.11.2021 - 12.11.2021 | a) Antihyperlipidemic drugs - repetition Drugs affecting GIT b) Antiemetics c) Laxatives, anti diarrhoeal drugs d) Spasmolytics <i>Presentations: atorvastatin, ezetimibe, ranitidine, loperamide, oxytocine</i> | dr. Vavrinová |
| 9. 15.11.2021 - 19.11.2021 | Haemostasis and thrombosis a) anticoagulants, antiplatelet drugs, fibrinolytics <i>Presentations: acetylsalicylic acid (Aspirin 75 mg), clopidogrel, enoxaparin, warfarin, dabigatran</i> | dr. Ondriašová |
| 10. 22.11.2021 - 26.11.2021 | Diabetes mellitus a) Hormonal control of blood glucose b) Antidiabetic drugs <i>Presentations: metformin, sitagliptine, exenatide, lispro</i> | dr. Mátuš |
| 11. 29.11.2021 - 3.12.2021 | TEST 2 Test 2 - cardiovascular system, respiratory system, antidiabetic and hypolipidemic drugs a) Antituberculous drugs b) Antiprotozoal drugs, therapy of malaria <i>Presentations: amoxicillin, clarithromycin, isoniazid, metronidazol</i> | dr. Mátuš |
| 12. 6.12.2021 - 10.12.2021 | a) Antiviral drugs b) Antifungal drugs <i>Presentations: aciclovir, ketoconazole</i> | dr. Vavrinová |
| 13. 13.12.2021 - 17.12.2021 | Evaluation of the semester, consultations | dr. Mátuš |

Credits for seminars

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

In Bratislava 8.9.2021

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