

Practicals syllabus

Toxicology

4th year, WS 2022/23, K337

Friday: 13:00 – 15:35

Practical 1 (3h) 19.9. – 7.10.

Pesticides and their residues in food, impact on the environment. Chemical warfare agents.

Practice: Butyrylcholinesterase activity assay

Responsible teachers: Anna Paul Hrabovská, Assoc. Prof., PharmD., PhD.; Dominika Dingová, PharmD., PhD.; Zuzana Kiliánová, PharmD., PhD.

Assistance: Lucia Markusková, MPharm.; Tibor Hodbod, MPharm.

Practical 2 (3h) 10.10. – 28.10

Polymorphism and genetic variations of xenobiotic metabolizing enzymes and their impact on the efficacy and safety of pharmacotherapy

Practice: Investigation of CYP 450 polymorphism

Responsible teachers: Lenka Bies Piváčková, MPharm., PhD.; Gabriel Dóka, PharmD., PhD.

Assistance: Natália Hromníková, MPharm.; Emil Babiak, MPharm.

Practical 3 (3h) 31.10. – 18.11.

Teratogenicity, genotoxicity, carcinogenicity and immunotoxicity of xenobiotics

Practice: In vitro and in vivo toxicity test results evaluation

Responsible teachers: Ondrej Sprušanský, MSc., PhD.; Katarína Hadová, PharmDr., PhD.

Assistance: Eva Veľasová, PharmD.; Henrieta Oravcová, MPharm.

Practical 4 (3h) 21.11. – 9.12.

Toxicology of xenobiotics in clinical practice

Practice: Solution of case studies

Responsible teachers: Peter Vavrinec, MPharm., PhD.; Csaba Horváth, PharmD., PhD.

Assistance: Izabela Jarabicová, MPharm.; Linda Bartošová, MPharm.

Practical 5 (1h) 12.12. – 16.12.

Repetition of the curriculum and consultation on the subject

Responsible teacher: Anna Paul Hrabovská, Assoc. Prof., PharmD., PhD.