

Elective subject
Academic Year 2018/2019
INTRODUCTION TO TOXICOLOGY
on Mondays afternoon
Lecture Halls: UI (15.10., 22.10.)
II

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| 1. Introduction to toxicology. Toxic effects. Mechanism of action. Absorption, distribution, biotransformation and excretion of substances. Interactions. | ZF | 15.10. |
| 2. Alcohols (methanol, ethanol, glycols), drugs of abuse (stimulants, opioids, hallucinogens). Mechanisms of their action, risk to health. | AS | 22.10. |
| 3. Introduction to toxicology of plants, mushrooms and animals. Selected alkaloids, terpenes, saponines, risk to health. | PT | 29.10. |
| 4. Toxic exposures from environment. Effects of selected organic and inorganic compounds. | ZF | 5.11. |
| 5. Food additives (antioxidants, emulsifiers, sweeteners, preservatives, stabilizers, colourings, flavours, acidity regulators, bulking and anti-caking agents).
Credit test | AS | 12.11. |

Credit: Presence

Credit test: focused on basic knowledge of topics 1-4; MCQ

ZF - Prof. Z. Fiala, M. Sc., Ph.D.

AS - Assoc. Prof. A. Stoklasová, M.D., Ph.D.

PT - P. Tomšík, M.D., Ph.D.