### E0240 Biomarkers and Toxicity Mechanisms

(lecturing in the Office of Ludek Blaha - D29-421)

**Timetable autumn 2023**

Access to this file and all study materials: <https://is.muni.cz/auth/el/1431/podzim2023/E0240/>

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| **Date** | **Lecturer & topic** |  |
| 21.9. | (NO LECTURE) |  |
| 28.9. | NATIONAL HOLIDAY - (NO LECTURE) |  |
| 5.10. | (NO LECTURE) |  |
| 12.10. | (NO LECTURE) |  |
| 19.10. | (NO LECTURE) |  |
| 26.10. | 01 – Introduction & Motivation  02 – Toxicity mechanisms – overview  03 – DNA damage |  |
| 2.11.  **From 11:00** | 04 – Protein damage  05 – Membrane (P-lipids) damage |  |
| 9.11.  **From 10:00 as usual** | 06 – Oxidative stress  07 – Detoxification as toxicity mechanism |  |
| 16.11. | 08 – Signalling and regulation disruption |  |
| 23.11. | 09 – Nuclear receptors & toxicity |  |
| 30.11. | 10 – Biomarkers – INTRO  11 – Biomarkers of Exposure and Susceptibility |  |
| 7.12. | 12 – Biomarkers of Effects |  |
| 14.12. | 13 – Integration, contemporary toxicology biomarkers |  |
| 20.12. (Wed) 9:00 | EXAM – PRETERM  **Lecture Room RCX1** – Door No. 252 (from corridor at Campus, close to D29-RECETOX building) |  |

Exam terms planning (to be confirmed) – **Wednesdays** 9AM,   
**Lecture Room RCX1** – Door No. 252 (from corridor at Campus, close to D29-RECETOX building)

**Dates -** 20.12.2023 (pre-term), 3.1.2024, 17.1.2024, 30.1.2024