**BIOCHEMISTRY - LABORATORIES SCHEDULE**

**for II year Dentistry Faculty English Division students**

**Winter semester - academic year 2022/2023**

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| **I laboratory section - ENZYMES** |
| **06.10.2022** | **1**. Introductory classes. Determination of pyruvate concentration. Standard curve for pyruvate. |
| **13.10.2022** | **2**. Determination of aspartate aminotransferase activity. |
| **20.10.2022** | **3**. Studies on kinetics of acid phosphatase reaction.  |
| **27.10.2022** | **4**. Determination of horseradish peroxidase activity. **Test. Credit for I laboratory section** |
| **II laboratory section - NITROGEN METABOLISM** |
| **03.11.2022** | **5**. Quantitative determination of proteins using Biuret method. |
| **17.11.2022** | **6**. Determination of isoelectric point of protein. |
| **24.11.2022** | **7**. Quantitative determination of creatinine. **Test. Credit for II laboratory section** |
| **III laboratory section - LIPIDS METABOLISM**  |
| **01.12.2022** | **8**. Hydrolysis of lipids and determination of lipase activity.  |
| **08.12.2022** | **9**. Determination of LDL concentration. **Test. Credit for III laboratory section** |
| **15.12.2022** | **10**. Determination of GGT activity.**Second term of tests. Credit for the winter semester** |
| **12.01.2023** | Repetition of classes.  |

**The lectures** will be held on-line on Teams platform on **Tuesdays at 12.00-13.30.**