

THE TIMETABLE
of **Biological Chemistry** lectures
for 2nd year students of the Faculty of International Students
third semester, 2023/2024 academic year

№	DATE	TOPIC
1	08.02	<i>Introduction to Biochemistry</i> . Protein chemistry.
2	15.02	<i>Enzymes</i> . The structure and properties. The mechanism of action.
3	22.02	<i>Enzymes</i> . The regulation of activity.
4	29.02	<i>Biologic Oxidation</i> . Krebs cycle.
5	07.03	<i>Biologic Oxidation</i> . Tissue respiration. Oxidative phosphorylation.
6	14.03	<i>Carbohydrates</i> . Anaerobic metabolism.
7	21.03	<i>Carbohydrates</i> . Aerobic metabolism. Gluconeogenesis. Pentose phosphate pathway.
8	28.03	<i>Lipids</i> . Lipoprotein classification and metabolism. Tissue lipid metabolism: lipolysis, fatty acids β -oxidation, ketone bodies metabolism.
9	06.03	<i>Lipids</i> . Tissue lipid metabolism: lipid biosynthesis.
10	13.04	<i>Proteins and Nucleic acids</i> . Digestion and absorption of proteins.

The Head of the Department of Biological Chemistry
05.02.2024

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