

**PLAN OF LECTURES**  
**in the 3rd term of 2021/2022 academic year**  
**FOR THE MEDICAL FACULTY FOR INTERNATIONAL**  
**STUDENTS (English medium)**

Week	DATE	THEME	LECTURER
1	01.09-04.09	Properties and functions of proteins	Assoc. prof. N.E.Petushok
2	07.09-11.09	Structures of proteins	- « -
3	14.09-18.09	Diversity and classification of proteins	- « -
4	21.09-25.09	Enzymes: properties and mechanism of action	Assoc. prof. A.V.Naumov
5	28.09-02.10	Kinetics of enzymatic reactions	- « -
6	05.10-09.10	Applied aspects of enzymology	- « -
7	12.10-16.10	General pathways of amino acid metabolism	Assoc. prof. A.G.Vinitskaya
8	19.10-23.10	Detoxification of ammonia	- « -
9	26.10-30.10	Metabolism of certain amino acids	- « -
10	02.11-06.11	Structure of nucleotides and nucleic acids	Assoc. prof. N.E.Petushok
11	09.11-13.11	Metabolism of nucleotides and nucleic acids	- « -
12	16.11-20.11	Biosynthesis of nucleic acids and protein	-«-
13	23.11-27.11	Principles of molecular biology	- « -
14	30.11-04.12	Introduction into metabolism. Biochemistry of membranes	Assoc. prof. A.A.Maslovskaya
15	07.12-11.12	Basics of bioenergetics	Assoc. prof. N.E.Petushok
16	14.12-18.12	The central pathway of metabolism	- « -
17	21.12-24.12	Oxidative processes in the cell	Assoc. prof. A.G.Vinitskaya
18	28.12-31.12	Carbohydrates of physiological significance	Assoc. prof. N.E.Petushok

**Head of department of Biochemistry,  
professor**

**V.V.Lelevich**

