

PLAN OF LECTURES
in the 3rd term of 2025/2026 academic year
FOR THE MEDICAL FACULTY FOR INTERNATIONAL STUDENTS
(English medium)
For groups 243 and 253

DATE	THEME	LECTURER
09.02	Introduction into biochemistry. Properties and functions of proteins	Assoc. prof. Petushok N.E.
16.02	Structures of proteins	Assoc. prof. Petushok N.E.
02.03	Mechanism of action of enzymes	Assoc. prof. Petushok N.E.
09.03	Regulation of enzyme activity	Assoc. prof. Petushok N.E.
23.03	General pathways of amino acid metabolism	Assoc. prof. Vinitskaya A.G.
30.03	Biosynthesis of nucleic acids and protein	Assoc. prof. Vinitskaya A.G.
13.04	Methods of molecular biology	Assoc. prof. Vinitskaya A.G.
25.04	Basics of bioenergetics	Assoc. prof. Doroshenko E.M.
27.04	Pathways of glucose metabolism - I	Assoc. prof. Petushok N.E.
04.05	Pathways of glucose metabolism - II	Assoc. prof. Petushok N.E.
11.05	Metabolism of glycogen. Regulation of carbohydrate metabolism	Assoc. prof. Petushok N.E.

PLAN OF LECTURES
in the 4th term of 2025/2026 academic year
FOR THE FACULTY OF FOREIGN STUDENTS
(in English language)

DATE	THEME	LECTURER
13.02	Metabolism of simple lipids	Assoc. prof. Petushok N.E.
27.02	Metabolism of complex lipids	Assoc. prof. Petushok N.E.
13.03	Regulation of lipid metabolism. Disturbances of lipid metabolism	Assoc. prof. Petushok N.E.
27.03	Biochemistry of hormones	Assoc. prof. Maslovskaya A.A.
10.04	Biochemistry of nutrition. Vitamins	Assoc. prof. Doroshenko Y. M.
17.04	Biochemistry of the liver	Assoc. prof. Vinitskaya A.G.
24.04	Biochemistry of the blood	Assoc. prof. Vinitskaya A.G.
08.05	Metabolism of water and minerals. Biochemistry of kidney and urine	Assoc. prof. Vinitskaya A.G.
15.05	Biochemistry of muscles, connective, and nervous tissue	Assoc. prof. Vinitskaya A.G.
22.05	Integration of metabolism. Principles of clinical biochemistry	Assoc. prof. Vinitskaya A.G.

**Head of the Department of Biochemistry,
professor**



V.V.Lelevich