

**Plan of Bio-organic chemistry laboratory classes
for students of medical faculty (Dentistry)
2023/2024 year**

№ n/n	Date	Theme
1.	04.09.-08.09.	Introduction. Classification and nomenclature of organic compounds
2.	11.09.-15.09.	Chemical bond structure and atom effects in the organic molecules
3.	18.09.-22.09.	Spatial structure of organic molecules. Stereoisomerism, its role for biological activity demonstration
4.	25.09.-29.09.	Reactivity of hydrocarbons
5.	02.10.-06.10.	Reactivity of alcohols, phenols, thiols, amines. Acid-base properties of organic compounds
6.	9.10.-13.10.	Reactivity of aldehydes and ketones
7.	16.10.-20.10.	Reactivity of carboxylic acids and their functional derivatives. Concluding class "Theoretical fundamentals of basic classes of organic compound structure and reactivity".
8.	23.10.-27.10.	Poly- and heterofunctional compounds, involved in life processes and underlying the most important drugs groups
9.	30.10.-03.11.	Organic compounds used in dentistry
10.	06.11.-10.11.	Carbohydrates. Monosaccharides
11.	13.11.-17.11.	Carbohydrates. Oligo- and polysaccharides
12.	20.11.-24.11.	Amino acids
13.	27.11.-01.12.	Peptides and proteins
14.	04.12.-08.12.	Nucleic acids
15.	11.12.-15.12.	Lipids
16.	18.12.-22.12.	Low-molecular bioregulators
17.	25.12.-29.12.	Concluding class "Biopolymers and their structural components"
18.	01.01.-05.01.	Concluding class "Structure and properties some classes of organic compounds. Dental materials of organic origin. Biopolymers and their structural components, lipids"

Утверждено на заседании кафедры
биоорганической химии,
протокол №1 от 31.08.2023 г.



О.Н. Ринейская