

**ORGANIC CHEMISTRY**  
**THEMATIC PLANE OF LABORATORY CLASSES FOR MEDICAL FACULTY STUDENTS**  
**(PHARMACY)**

**3<sup>rd</sup> semester 2023/2024**

<b>№</b>	<b>Date</b>	<b>Theme (5 hours)</b>
1.	04.09.-08.09.	Classification and nomenclature of organic compounds
2.	11.09.-15.09.	Chemical bonding and distribution of electrons in molecules
3.	18.09.-22.09.	Stereoisomerism and stereochemistry
4.	25.09.-29.09.	Instrumental methods of structure determination. Infrared spectroscopy
5.	02.10.-06.10.	Nuclear magnetic resonance spectroscopy
6.	9.10.-13.10.	Chemical reactivity
7.	16.10.-20.10.	Separation and purification of substances by means of solvent extraction
8.	23.10.-27.10.	ChemOffice Basic molecular design <i>in silico</i> of organic compounds
9.	30.10.-03.11.	<b>Test №1</b> Structure and nomenclature of organic compounds
10.	06.11.-10.11.	Nonaromatic hydrocarbons I
11.	13.11.-17.11.	Nonaromatic hydrocarbons II
12.	20.11.-24.11.	Aromatic hydrocarbons
13.	27.11.-01.12.	<b>Test №2</b> Structure, reactivity and identification of hydrocarbons
14.	04.12.-08.12.	Organic halides
15.	11.12.-15.12.	Alcohols, phenols, thiols, ethers, sulfides
16.	18.12.-22.12.	<b>Test №3</b> Structure, reactivity and identification of halides, alcohols, phenols, thiols, ethers, sulfides.
17.	25.12.-29.12.	Amines; azo and diazo compounds
18.	01.01.-05.01.	Oxo compounds
19.	08.01.-12.01.	<b>Test №4</b> Structure, reactivity and identification of amines, aldehydes and ketones.

План утвержден на заседании кафедры

Протокол №1 от 31.08.2023 г.

Зав. кафедрой

биоорганической химии, доцент

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