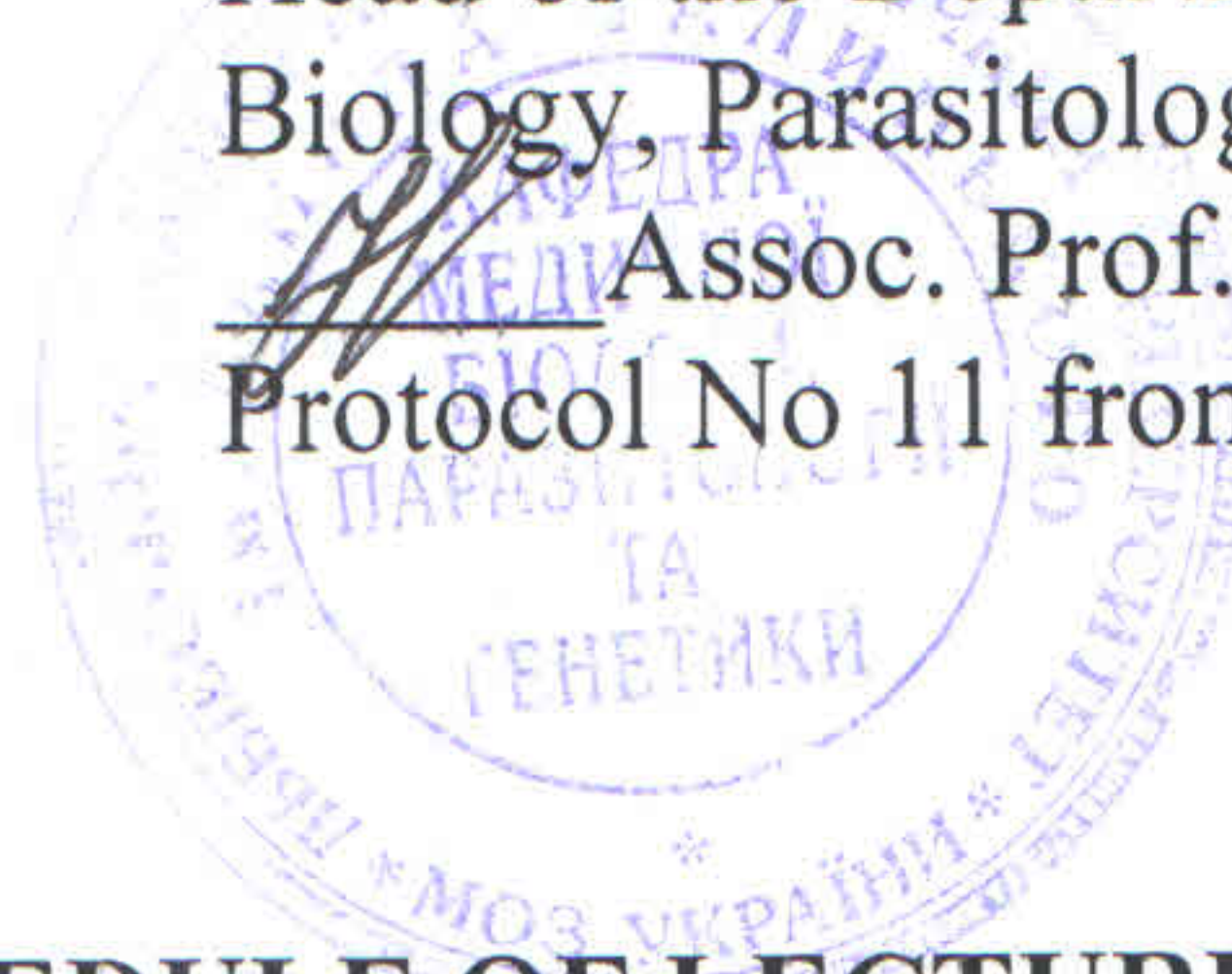


APPROVED

Head of the Department of Medical
Biology, Parasitology and Genetics

Assoc. Prof. Maria KUSHYNSKA

Protocol No 11 from 11.01.2024



**THEMATIC AND CALENDAR SCHEDULE OF LECTURES FROM THE
DISCIPLINE «MEDICAL BIOLOGY, PARASITOLOGY AND GENETICS»
FOR THE FIRST YEAR STUDENTS
SPECIALTY 221 DENTISTRY
IN THE 2023-2024 ACADEMIC YEAR**

SPRING SEMESTER

No	Topic	Hours	Date	Lecturer
1.	The basic principles of human genetics. Methods of the human inheritance investigation. Hereditary human diseases.	2	18.01-31.01	Paryzhak S.Ya. – Ph.D., Associate Professor;
2.	The medical and biological basis of parasitism. Protozoa are human parasites.	2	1.02-14.02	
3.	Medical Helminthology. Flat and Round worms are human parasites.	2	15.02-28.02	Onufrovych O.K. – Ph.D., Associate Professor
4.	Medical Arachnoentomology. Arthropods as the causative agents and vectors of human infections and invasions.	2	29.02-14.03	
Total for Spring Semester		8 hours		
Total for the Academic year		16 hours		

Head teacher of the Department
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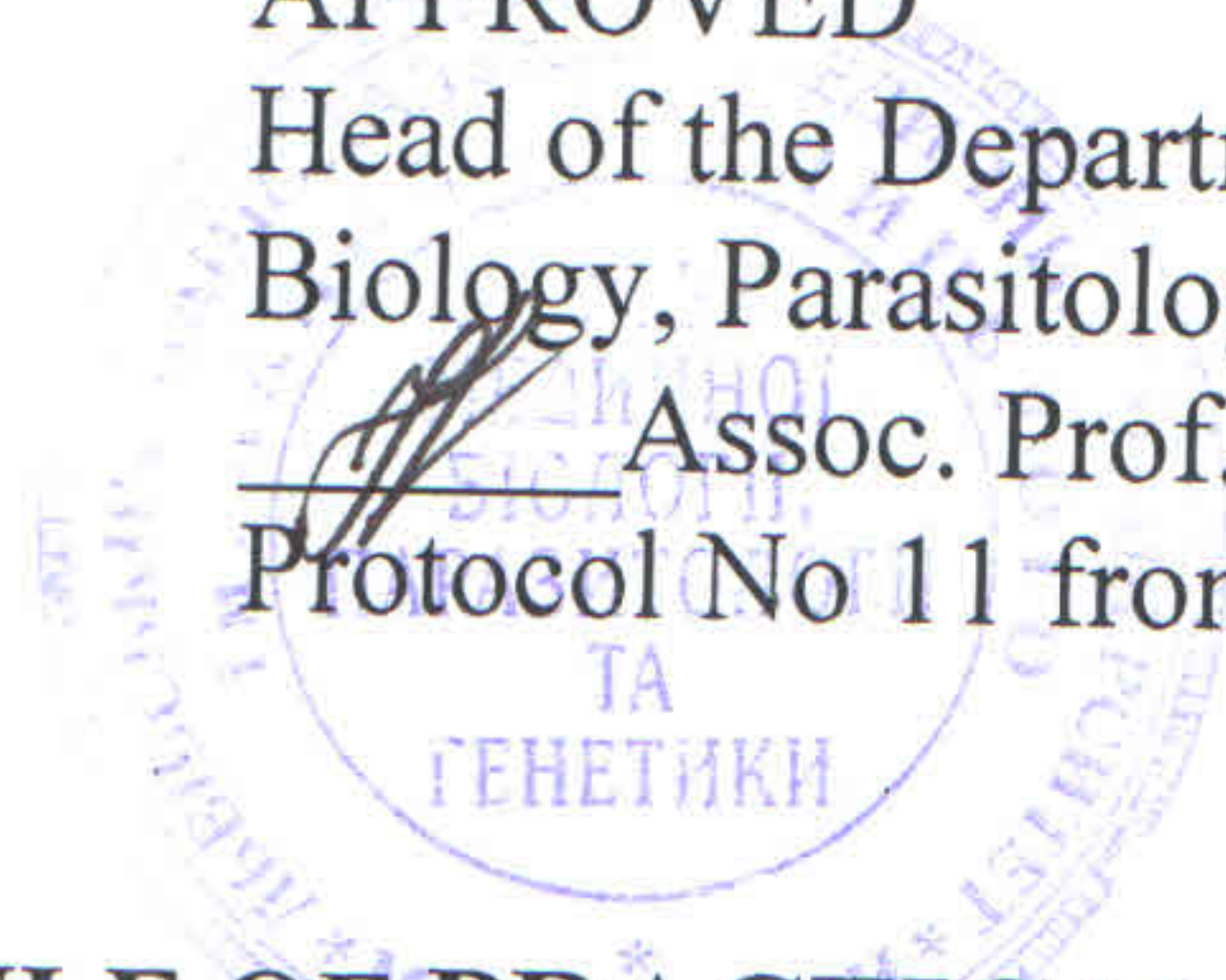
Assoc. Prof. Oksana PERSHYN

APPROVED

Head of the Department of Medical
Biology, Parasitology and Genetics

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**THEMATIC AND CALENDAR SCHEDULE OF PRACTICAL CLASSES FROM
THE DISCIPLINE «MEDICAL BIOLOGY, PARASITOLOGY AND GENETICS»
FOR THE FIRST YEAR STUDENTS
SPECIALTY 221 DENTISTRY
IN THE 2023-2024 ACADEMIC YEAR**

SPRING SEMESTER

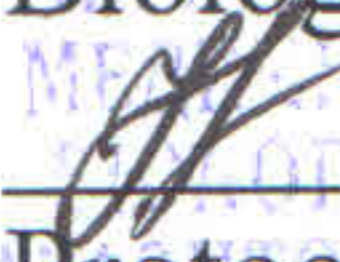
No	Topic	Hours	Date
15.	Genealogy of human as the method of human inheritance investigation. Study of twins.	2	18.01-24.01
16.	Population-statistic method. The genetic counseling.	2	25.01-31.01
17.	Dermatoglyphics as the method of human inheritance investigation.	2	1.02-7.02
18.	Practical skills for the Part "Basic principles of heredity and variation. Methods of the human inheritance investigation".	2	8.02-14.02
19.	Phylum Sarcomastigophora, Class Lobosea.	2	15.02-21.02
20.	Phylum Ciliophora. Class Rimostomatea – human parasites.	2	22.02-28.02
21.	Representatives of the Class Zoomastigophora – human parasites.	2	29.02-6.03
22.	Phylum Apicomplexa. Representatives of the Class Sporozoea – human parasites.	2	7.03-13.03
23.	Medical Helminthology. Phylum Flat worms (Platyhelminthes). Class Trematoda: liver, lancet, cat and lung flukes.	2	14.03-20.03
24.	Class Trematoda: blood flukes, metagonimus and nanophyetus.	2	21.03-27.03
25.	Class Cestoidea: beef, pork and dwarf tapeworms.	2	28.03-3.04
26.	Class Cestoidea: echinococcus, alveococcus, broad tapeworm.	2	4.04-10.04
27.	Phylum Round worms (Nemathelminthes). Class Nematoda: large intestinal roundworm, pinworm (seatworm) and whipworm – the causative agents of human diseases.	2	11.04-17.04
28.	Phylum Round worms (Nemathelminthes). Class Nematoda: threadworm, hookworm and Guinea worm.	2	18.04-24.04
29.	Practical skills for the Parts "Medical Protozoology" and "Medical Helminthology".	2	25.04-1.05
	Total for II Semester	30 hours	
	Total for the Academic Year	58 hours	

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**THEMATIC AND CALENDAR SCHEDULE OF INDIVIDUAL WORK FROM THE
DISCIPLINE «MEDICAL BIOLOGY, PARASITOLOGY AND GENETICS»
FOR THE FIRST YEAR STUDENTS
SPECIALTY 221 DENTISTRY
IN THE 2023-2024 ACADEMIC YEAR**

SPRING SEMESTER

No	TOPIC	Hours	Date
1.	Methods of laboratory diagnosis of protozoan diseases.	6	18.01-31.01
2.	Methods of laboratory diagnosis of helminthiasis.	6	1.02-14.02
3.	Midges and its components: characteristic, importance as the intermediate hosts of helminthes and vectors of human diseases. Cockroaches and bedbugs.	5	15.02-28.02
4.	Poisonous plants and animals for human.	4	29.02-13.03
5.	Phylogenesis of circulatory systems of Vertebrates. Onto-phylogenetic causes of congenital defects.	6	14.03-27.03
6.	Synthetic theory of evolution. Peculiarities of the evolutionary factors action in human populations.	4	28.03-10.04
7.	Biosphere as a system, supporting the existence of human beings. Human ecology.	6	11.04-24.04
	Total for Spring Semester		37
	Total		76

Total hours/credit 150/5.0

Lectures 16 hours

Practices 58 hours;

Individual work 76 hours.

Head teacher of the Department

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