



МЕДИЦИНСКИ УНИВЕРСИТЕТ – ПЛОВДИВ
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CURRICULUM FOR THE COURSE OF HUMAN BIOLOGY
FOR 1ST YEAR STUDENTS IN DENTAL MEDICINE, Summer Term 2022-2023

Lectures-Thursday, 9:15 am, V auditorium

Week	№	LECTURE TOPIC	LECTURER	PRACTICAL COURSE TOPIC	HOURS
6 - 10. 02.2023	1.	Immunological homeostasis. Innate and adaptive immunity.	Prof. V. Sarafian	Introduction to parasitology. Basic terms. Host-parasite interactions.	2
13 - 17. 02.2023	2.	Antigens. Characteristics and classification.	Assoc. Prof. M. Kazakova	Subkingdom Protozoa. Subphylum Sarcodina. Phylum Ciliophora.	2
20 - 24. 02.2023	3.	Immune system. Lymphoid organs.	Assoc. Prof. M. Kazakova	Subkingdom Protozoa. Subphylum Mastigophora (Flagellates).	2
27.02 - 3.03.2023	4.	Immunocompetent cells - types, characteristics, functions. Differentiation	Assoc. Prof. M. Kazakova	Subkingdom Protozoa. Phylum Apicomplexa. Subphylum Sporozoa.	2
6 - 10. 03.2023	5.	Antibodies. Immunoglobulin classes. Complement system.	Prof. V. Sarafian	Phylum Platyhelminthes. Class Trematoda (Flukes).	2
13 - 17. 03.2023	6.	Immunobiology of BGA. ABO/H/ and Rhesus system.	Assoc. Prof. M. Kazakova	Phylum Platyhelminthes. Class Cestoda. Elective course - Parasitology	2
20 - 24. 03.2023	7.	Types, kinetics and genetics of immune response.	Assoc. Prof. M. Kazakova	Phylum Nematelminthes. Class Nematoda. Elective course - Parasitology	2
27 - 31. 03.2023	8.	Major histocompatibility complex (MHC).	Prof. V. Sarafian	Phylum Arthropoda. Order Acarina. Class Insecta.	2
03 - 07. 04.2023	9.	Antigen recognition, processing and presentation. Cellular interactions in the immune response.	Assoc. Prof. M. Kazakova	PRACTICAL and WRITTEN TEST IN PARASITOLOGY.	1
10 - 14. 04.2023	Easter holiday				
17 - 21. 04.2023	10.	Immunological tolerance. Immunology of reproduction.	Assoc. Prof. M. Kazakova	Innate and adaptive immunity. Antigens. Blood group antigens.	2
24 - 28. 04.2023	11.	Immunobiology of HIV. AIDS.	Assoc. Prof. M. Kazakova	Primary and secondary lymphoid organs. Immune cells. Intercellular communications.	2
1 - 5. 05.2023	12.	Immunology of transplantations.	Assoc. Prof. M. Kazakova	Humoral and cellular immunity. Immunoglobulins. The Complement system.	2
8 - 12. 05.2023	13.	Tumor Immunology.	Prof. V. Sarafian	Major histocompatibility complex. Tumor immunology.	2
15 - 19. 05.2023	14.	Hypersensitivity reactions.	Prof. V. Sarafian	Hypersensitivity reactions. Immunological tolerance. Genetics of antibody production.	2
22 - 26. 05.2023	15.	Immunity in stress and immunosenescence.	Assoc. Prof. M. Kazakova		

Prepared by:
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Accepted at Departmental Council with protocol on № 104/09.01.2023