

*Department of Microbiology*

**APPROVE**

**Head of Department**

 **I.E. Tretyakova**

August 30, 2022

**Calendar-thematic plan of lectures**

**Discipline** Microbiology, Virology, Immunology (partially implemented in English)

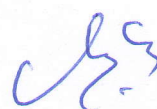
**Course** 3

**Faculty of** Medicine

**for the fall semester of 2022-2023 academic year**

No	The date	Topic name	Lecturer
1	14.09.22	Goals and objectives of private medical microbiology. Pathogenic and opportunistic cocci.	Head cafe Tretyakova I.E.
2	21.09.22	Bacteria-causative agents of intestinal infections (escherichiosis, dysentery).	Head cafe Tretyakova I.E.
3	28.09.22	Bacteria that cause intestinal infections (typhoid, paratyphoid)	Head cafe Tretyakova I.E.
4	05.10.22	Bacteria-causative agents of intestinal infections (cholera, salmonellosis).	Head cafe Tretyakova I.E.
5	12.10.22	Bacteria that cause respiratory infections (diphtheria, whooping cough).	Head cafe Tretyakova I.E.
6	19.10.22	Pathogenic mycobacteria. The causative agent of tuberculosis.	Head cafe Tretyakova I.E.
7	26.10.22	Bacteria that cause anaerobic infections (botulism, tetanus).	Head cafe Tretyakova I.E.
8	02.11.22	Bacteria that cause zoonotic infections (brucellosis, anthrax).	Head cafe Tretyakova I.E.
9	09.11.22	Bacteria that cause zoonotic infections (plague, tularemia).	Head cafe Tretyakova I.E.
10	16.11.22	Viruses that cause respiratory infections (flu, parainfluenza, adenovirus infection).	Head cafe Tretyakova I.E.
11	23.11.22	Viruses that cause measles and mumps	Head cafe Tretyakova I.E.
12	30.11.22	Viruses that cause poliomyelitis, hepatitis A, E.	Head cafe Tretyakova I.E.
13	07.11.22	Viruses-causative agents of parenteral hepatitis (B, C, D).	Head cafe Tretyakova I.E.
14	14.12.22	HIV infection.	Head cafe Tretyakova I.E.

Head teacher of the department microbiology,  
Associate Professor, candidate of medical sciences




M.G. Chertkoeva



**Federal State Budgetary Educational Institution  
higher education "North Ossetian State Medical Academy" of the Ministry of Health  
of the Russian Federation**

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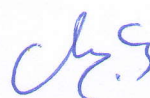
***Discipline - microbiology, virology, immunology – oral  
microbiology (partially implemented in English)***

***Course 2***  
***Faculty of Dentistry***

**for the fall semester of 2022-2023 academic year**

No.	The date	Topic name	Lecturer
1	12.09.22	Subject and tasks of microbiology, virology and immunology. Significance in the practice of a dentist. Principles of classification of microbes. Morphology and structure of a bacterial cell.	Head department, d.m.s. Tretyakova I.E.
2	26.09.22	Physiology of microbes. Nutrition and respiration of microorganisms. Growth and reproduction of microorganisms.	Head department, d.m.s. Tretyakova I.E.
3	10.10.22	General virology. Structure of viruses, interaction of viruses with cells, reproduction of viruses. Bacteriophages.	Head department, d.m.s. Tretyakova I.E.
4	24.10.22	Genetics of microorganisms. Heredity and variability of microorganisms. genetic recombination.	Head department, d.m.s. Tretyakova I.E.
5	07.11.22	The doctrine of infection. Ways and mechanisms of pathogen transmission.	Head department, d.m.s. Tretyakova I.E.
6	14.11.22	Introduction to immunology. Nonspecific factors of protection of the human body.	Head department, d.m.s. Tretyakova I.E.
7	21.11.22	The structure of the human immune system. Functions of immunocompetent cells. Antigens. properties of antigens.	Head department, d.m.s. Tretyakova I.E.
8	28.11.22	Forms of the immune response. Antibodies, structure and functions of antibodies. Classes of immunoglobulins.	Head department, d.m.s. Tretyakova I.E.
9	05.12.22	Fundamentals of immunoprophylaxis and immunotherapy.	Head department, d.m.s. Tretyakova I.E.

Head teacher of the Department of Microbiology,  
Associate Professor, Candidate of Medical Sciences



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