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**SCIENTIFIC SEARCH OF PECULIAR METHODS OF
INFECTIOUS DISEASES PROPHYLAXIS IN RESEARCH OF KYIV
DOCTORS-SCIENTISTS (SECOND PART OF XIXth –
BEGINNING OF XXth)**

Summary

This article deals with the most important theoretical and practical aspects of the peculiar prophylaxis, which were elaborated by scientists of St. Volodymyr University of Kyiv in the second part of XIX – beginning of XX century.

We have researched that the Doctors Community in Kyiv, initiated by the professors of the Medical Faculty of St. Volodymyr University of Kyiv, played the most prominent role in the prophylaxis of epidemic, cholera, plague, smallpox, diphtheria and typhus. The members of this community revealed not only the reasons of epidemic diseases, their expansion, elaborated the ways of the prophylaxis, but also immediately participated in the experiments.

To improve the knowledge about the dangerous infectious diseases, the methods of their treatment, prophylaxis and scientific explanation of antibacterial means to decrease the epidemics, at the end of XIX century the Infectious Diseases Treatment Community was founded by the initiative of the most prominent scientists of St. Volodymyr University of Kyiv.

We have proved that the Bacteriological Institute (1890) and Pasterivska Station (1896) were founded by the professors of St. Volodymyr University of Kyiv and members of Doctors Community in Kyiv and Infectious Diseases Treatment Community. Later these research institutes became a part of Bacteriological Institute in Kyiv. So that Bacteriological Institute began to develop the technologies of preparation of peculiar methods to conduct the prophylaxis and infectious diseases treatment and also began to train specialists-bacteriologists for the work in the sanitary and epidemiological institutions.

The founder of the Infectious Diseases Treatment Community was O. D. Pavlovskyi, who made a significant contribution into the infectious diseases treatment, assisted in searching the peculiar ways of treatment such diseases as diphtheria, scarlet fever, tetanus, and theoretically proved the etiology of such dangerous disease as gas-gangrene. Under permanent guidance of Professor O. D. Pavlovskyi, the antidiphtheritic serum was elaborated and used in the country. The charity of the treatment of this disease was donated to build the Bacteriological Institute. Professors O. D. Pavlovskyi and V. K. Vysokovych performed the training of the doctors in the theoretical and practical bacteriology.

Key words: *epidemiology, bacteriology, prophylaxis, epidemic, O. D. Pavlovskyi, V. K. Vysokovych, cholera, plague, smallpox, diphtheria, scarlet fever, hydrophobia, Bacteriological Institute, Pasterivska Station.*