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FIRST UKRAINIAN HISTOLOGICAL SCHOOLS (the end of the XIX – early XX centuries)

Summary

The article is devoted to the first histological schools established in Ukraine. The aim of the article is to study the contribution of Ukrainian histologists to the development of scientific and organizational principles of the formation and development of histology and their practical implementation in the second half of the nineteenth and early twentieth century's. It was established that a significant influence on the development of domestic histology was discovered in the late

nineteenth century. Departments of Histology at the leading universities of the country: Imperial Kharkiv University (1867), Kyiv University of St. Volodymyr (1868), Lviv University (1896) and Novorossiysk University (1899). The formation of histology as a science about the microscopic structure, development and vital functions of the organism's structures at the Kharkov University took place thanks to the scientific research of the outstanding scientist N.A. Trzhaska-Khrzhnchevsky and his scientific school as N.K. Kulchytsky, V.Ya. Rubashkin, B.V. Alyoshin et al. N.A. Trzhaska-Khrzhnchevsky was the founder of the histo-physiological direction and first began the systematic study of the microcirculatory channel. Scientists who have been working in the direction of histological research at the Kiev University of St. Volodymyr have recognized the world scientific community is P.I. Peremezhko, F.I. Lominsky, Ya.N. Yakimovich, O.V. Leontovich, O.G. Chernyakhivsky. These scientists at different times headed the Department of Histology. It was found out that the scientific researches of Professor P.I. Peremezhko are dedicated to cell division, giving rise to a new episode in cytology.

Scientific school V. Shimonovich, who worked in the walls of Lviv University, made a significant contribution to the development of world medical science and education. The most important creative work of Professor V. Shimonovich was his «Handbook of Histology and Microanatomy with a particular attention to the structure of the human body and microscopic technique» (1901). In addition, one of the best in Europe was considered a laboratory, created at the Department of Histology, Novorossiysk University (Odessa). Its first head Professor V.V. Podvysotsky was well-known in scientific circles. Under his leadership the Department quickly emerged as a center for microscopic medical research in a largely applied nature. The results of the research of recognized Ukrainian scholars-histologists are the invention of the latest research methods, the introduction of new microscopic techniques recognized in the world and fundamental discoveries from the anatomy, physiology and histology of humans and animals.

Key words: *histology, cytology, embryology, histologists, personalities, scientific school, microscope, microtome.*