

THE FIRST HISTOLOGICAL SCHOOLS IN UKRAINE

Vasko L. V., Ndubuisi F. U., the 2nd-year student

Sumy State University, pathomorphology department

For a long time histology was named as microscopic anatomy and was a part of the anatomy department. The accumulation of knowledge about the microscopic structure of tissues and organs led to its separation into an independent discipline.

The first Department of Histology in Ukraine was organized in May 1867 by Professor, MD, Nikonor Adamovich Hrzhonshevskiy (1836-1906) from Kharkov St. Vladimir University, which was founded in 1805. Professor N. A. Hrzhonshevskiy was the founder of the histophysiology direction and was the first who study microcirculatory bed systematically. N. A. Hrzhonshevskiy – was the one of the founders of functional pathologo-histological direction in medicine.

An important period in the department of history was a time (1891-1910), when Professor N. K. Kulchitskiy was the head of the department. His studies were devoted to the study of fine structure of the central nervous system and nerve endings. He was the founder the cells in the mucosa of the gut that were labeled "Kulchitskiy cells" (arhentofin cells) and described them in detail. Now the nature and functional significance of these cells became more understandable. He wrote an excellent textbook "Fundamental histology of animals and man" (Kharkiv, 1900). Professor Kulchitskiy was familiar with the theory and practice of microscopic technology. He wrote about these questions in the "Science of the microscope microscopic equipment", "The Basis of the Practical Histology for doctors and students" (1899).

After 1917 Medical Institute was founded at the Medical Faculty of the Kharkov University. The department is also headed by such prominent scientists as V. Y. Rubashkin (an author of the first textbooks of histology in Ukrainian language) "Elements of Histology" (1931). Doctor of Biological Sciences B. V. Aleshin from 1936 to 1974 Honored scientist headed the Department of Histology, which focuses on the Research Department on the endocrine functions histophysiology study and their regulation. Professor B. V. Aleshin is a co-author of the textbook "Histology" which was republished 4 times in Russian language and was published in Spanish language

In 1868 the Department of Histology at the Medical Faculty of the Kiev University was established and the head of the department was Professor P. I. Peremezhko (1833-1893). His researches that were dedicated to cell division had the biggest importance for biology and medicine (1878). He was the first to describe all the kariokinesis stages. An important period of the department was when Corresponding Member of the USSR Professor M. I. Zazybin was the head of the department (1903 -1982). Reactive and compensatory properties of the peripheral nervous system were the main researches of the department in that period. O. O. Zazybin was a student of the famous Russian histologist, professor O. Kolosov. He has retained and developed the best traditions of native morphology, became the founder of a new original direction in the neuromorphology where the study of embryogenesis and aging changes was compared with the knowledge of reactive properties and reversible changes in the peripheral nervous system. Currently, Professor Chaikovsky Yuri Bogdanovich is the head of the department.

Department of Histology and Embryology of the Kiev National University named after O. O. Bohomolets is a leading center of scientific and methodological activities in Ukraine.

In 1895 the Department of Histology at the Medical Faculty of the Lviv University was created. For a long time (40 years) Vladyslaw Shimanovich was the head of the department. Professor Shimanovich wrote a histology textbook, which has been considered one of the best textbooks in the states of Western Europe for a long period of time. Currently, Professor D. Lutsyk is a head of the department. The main scientific direction is "lectin-histochemistry of human cells and organs." All universities in Ukraine, now enjoys the textbook of Professor A. D. Lutsyk .

In 1899 the Department of Histology in Odessa was established. Professor V. V. Pivvysotsk was its first head (1857-1913). Histological laboratory that was created in this department was one of the best in Europe. Information about the laboratory of Professor V. V. Podvysotskiy is in the Brockhaus and Yefrona encyclopedia.

Thus, we can make a conclusion about a great achievement of the first histological schools in Ukraine.