

Anniversary

Gennady Feodosevich Korotko

(85th anniversary)

December 14, 2013 – 85 years old anniversary of Gennady Feodosevich Korotko, one of the most significant physiologists of our country. His way into the physiology he began 17 year first-year student, working simultaneously by taxidermist at Physiology Department of Tashkent Medical Institute. His teachers and mentors were heads of the Department N. V. Danilov, and then – A.Y. Yunusov. Upon graduation G.F. Korotko was offered to continue work at the department. Since that time (1949) he did not interrupt communication with the physiology of medical schools as a teacher until the end of 2009. In 1954 GF Korotko defended his PhD thesis on the physiology of the stomach in a hot climate.

In 1956 G.F. Korotko went to Andijan to the organization and superintendence Department of Physiology Medical Institute. This department was in charge of Gennady Feodosevich until the end of April 1992, (36 years).

In 1959 G.F. Korotko the age of 31, defended his doctoral thesis, also dedicated to the physiology of digestion in a hot climate, and in 1961 was promoted to professor. He headed a department of educational and research division and at its base are performed research department staff, student-circle members, experimental pieces of research clinicians. On the base of Department was organized Central Research Laboratory of the Institute. The young physiologist was noticed and helped in his work by leading country physiologists: K.M. Bykov, I.T. Kurtsin, G.K. Shlygin,

A.V. Soloviev, and later began a long cooperation with A.M. Ugolev. Andijan physiologists supported creative relationships with many scientific and university teams of the country, repeatedly elected Andijan Medical Institute venue solid scientific events. G.F. Korotko at that time was a member of a number of problems and commissions Academy of Medical Sciences of the USSR, the editorial boards of the journals, a large medical encyclopedia. For several years he headed the troubled

commission "Digestion" of the Scientific Council of the RAS "Physiological Sciences", prepared scientific and pedagogical staff.

In 1992 G.F. Korotko was transferred to the post of deputy Krasnodar. Director of Science organized by V.I. Onopriev of Russian Center Surgical Gastroenterology, combining this work at the Department of Physiology of the Kuban state medical academy. G.F. Korotko with employees performed intensive experimental work, but the focus is on clinical and physiological research collaborations with clinicians, gastroenterologists and surgeons. Particular attention is paid to clinical and diagnostic testing, implementation in practice of physiologically based methods of functional diagnosis and correction of digestive functions.

First scientific direction of G.F. Korotko's school was experimental studies of digestion in hot climates. Later he studied exo-enzymes and digestive glands of endosecretion. Another trend - the mechanisms of functional organization of digestive functions. Based on the results of unique experiments created a new understanding of the topography of gastric digestion, its conveyor organization, which has been confirmed in clinical studies.

Hero of the day with his staff proposed and developed new ideas about the activities of the exocrine pancreas, urgent adaptation mechanisms of enzyme secretion in duodenal chyme to nutrient composition based on the proposed concept of a modular morphological and functional organization of the pancreas. Priority experimental data G.F. Korotko and his disciples about the signaling properties of exo-and endosecretin digestive glands of enzymes.

Secretory activity of the digestive and non-cancer - one of the issues that is being developed by the school for many years. The results of the work significantly extended our knowledge of the origin of hydrolytic enzymes in the secrets and have been used in clinical diagnostic practice.

G.F. Korotko is bright high school lecturer, creator of the original illustrations for lectures, reports, handbooks and manuals. His 60-year-old teaching job in medical

schools awarded high ratings, grateful acknowledgment of the audience - students and professionals at scientific meetings. After liquidation of Russian Center of Functional Surgical Gastroenterology in 2009 G.F. Korotko is a scientific consultant at the city hospital 2 in Krasnodar.

G.F. Korotko is Honored Worker of Science of Uzbekistan and the Kuban, the winner of the Russian Government award, has a government reward for many years of creative work, high school teacher and scholar, a veteran of World War II. He trained 66 candidates and 15 doctors of science, he is the author of 23 monographs, author and co-author of eight college textbooks and manuals, co-editor of three recent publications university textbook "Human Physiology", the author of over 580 publications, dozens of patents, scientific discovery, and participated in many international national forums.

The undoubted merits of G.F. Korotko as a scholar and university teacher combined with modesty, intelligence, personal integrity, strict morals, demanding to himself and the staff.