

# Vladimir Nicitich Krukovsky

*October 8, 1901 — January 16, 1969*

Professor Krukovsky was born in Odessa, Imperial Russia, on October 8, 1901. He was graduated from V. A. Zhukovsky's Real School of Odessa in 1918 and attended the Polytechnic Institute of that city in 1918-19.

In 1919 he joined the Volunteer Anti-Communist Army and attended Sergievskoe Officers' Artillery School. Following military service in the Crimea, he resided in Turkey and subsequently moved to Czechoslovakia. Here he attended the Polytechnic Institute of Prague from which he was graduated in 1926 receiving the engineering degree.

From 1926-29 he served as assistant manager and then manager of Agricultural Industries in Czechoslovakia. In 1930 he and his wife, Josefa, emigrated to the United States. He became a citizen in 1936.

Dr. Krukovsky entered the graduate school of Cornell University in 1933 receiving the M.S. degree in 1934 and the Ph.D. in 1935. He was instructor in dairy chemistry from 1935-39. In 1939 he was promoted to assistant professor; in 1946 to associate professor and in 1954 to professor. He became professor emeritus upon his retirement.

Although his research in the field of lipids was of great interest to him, he nevertheless found time to teach two courses in dairy chemistry—one on analytical methods and one on fats and fat-like substances. His personal concern for each student was a large factor in the popularity of his courses.

Much of Dr. Krukovsky's research was concerned with various aspects of lipolysis and oxidation of milk fat and their effect on the flavor and keeping Quality of milk and milk products. He was much interested in vitamins A, D, E and K and other materials associated with milk fat. He first demonstrated the influence of vitamin E in the prevention of oxidized flavor development in milk.

In recognition of his research accomplishments, the American Chemical Society conferred upon him its 1961 Borden Award for outstanding research in dairy chemistry. This consisted of \$1,000 and a gold medal. In December 1966 he was elected a Fellow of the American Association for the Advancement of Science. He was also a member of the New York Academy of Sciences, Phi Kappa Phi, Sigma Xi, and the American Dairy Science Association.

From 1948 to 1967 he served on the Scientific, Liaison and Advisory Board of the Quartermaster Food and Container Institute of the Armed Forces. In 1955 he took part in the preparation of tables on "Detoxication

Mechanisms of Animals” for the *Handbook of Biological Data*, published by the National Academy of Sciences and National Research Council.

He was author and coauthor of more than 100 scientific research papers dealing with the biochemical properties of milk and milk products that affect their palatability and nutritive value. He also translated and abstracted more than 1,000 Russian scientific papers for Chemical Abstracts Service. He was proficient in the Czech, German, and French languages as well.

On June 30, 1967, Dr. Krukovsky retired from active duty as professor of dairy chemistry in the Department of Food Science at Cornell University, ending a thirty-three year period of service.

He is survived by his son, Nicholas, also a Cornell graduate.

*J. K. Loosli, W. K. Jordan, R. F. Holland*