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Fryda Solomonivna Leontjeva



On 12 May 2026, Frida Solomonivna Leontieva, Head of the Department of Laboratory Diagnostics and Immunology with the Clinical Diagnostic Laboratory, Candidate of Biological Sciences, Senior Researcher, celebrated her 80th birthday and 55 years of work at the SI "Professor M.I. Sytenko Institute of Spine and Joint Pathology of the National Academy of Medical Sciences of Ukraine".

Frida Solomonivna began her professional career in 1964 as a senior laboratory assistant in the scientific department of Kharkiv Design Research Institute. In 1965, she entered the Faculty of Biology of Kharkiv State University, which she successfully graduated from in 1970, specializing in biochemistry. In 1971, F. S. Leontieva joined the "Professor M. I. Sytenko Research Institute of Orthopedics and Traumatology", linking her life with medical science and clinical practice. During this time, Frida Solomonivna progressed from junior researcher to head of department: 1971–1986 — junior researcher in the biochemistry laboratory; 1986–1992 — leading researcher; from 1992 to the present — Head of the Department of Laboratory Diagnostics and Immunology with the Clinical Diagnostic Laboratory.

Frida Solomonivna Leontieva conducted research on the mechanisms of bone tissue regeneration under the influence of exogenous factors and studied the impact of stress factors on the development of pathological processes in bone and cartilage tissues.

Over time, her scientific interests expanded to include the study of connective tissue metabolism in various orthopedic diseases, the effects of different physical and chemical factors on the musculoskeletal system, changes in hemostasis during inflammatory processes, and the development of diagnostic algorithms for preventing complications in the treatment of orthopedic patients and their implementation in healthcare practice. Over the years of work at the Institute, the honoree developed and introduced new methods for assessing the state of connective tissue, which improved diagnostics and treatment of diseases and injuries of the spine and joints.

In 1985, she successfully defended her PhD thesis entitled "Features of carbohydrate-protein and collagen metabolism in dystrophic processes in spinal tissues". In 1989, by decision of the Higher Attestation Commission of the former USSR, she was awarded the title of Senior Researcher.

F. S. Leontieva is the author of more than 350 scientific publications, including 16 monographs and textbooks, and 23 certificates of authorship and patents, in which she demonstrated deep knowledge, analytical thinking, and the ability to find non-standard solutions to scientific problems.

F. S. Leontieva has served as the responsible executor of many research projects and is currently a consultant for numerous PhD and doctoral theses. For many years, she has collaborated with leading scientific journals ("Orthopedics, Traumatology and Prosthetics", "Trauma", "Laboratory Diagnostics") as a productive author, active and careful reviewer.

Leontieva enjoys well-deserved respect not only at the Institute; her name is well known in other medical institutions in Kharkiv and throughout Ukraine. Frida Solomonivna pays significant attention to improving the quality of laboratory research, implementing internal and external – including international – quality control, and preparing the Institute's laboratory units for scheduled accreditations. She is a permanent member of the Kharkiv branch of the Certification Commission of the National Academy of Medical Sciences of Ukraine for the professional certification

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of physicians, a member of the Board of the Kharkiv Society of Clinical Laboratory Diagnostics, and a member of the NGO "Association for Quality Assurance in Laboratory Medicine".

The scientific community highly appreciates Frida Solomonivna Leontieva's contribution to medical science: she has been repeatedly awarded honorary certificates of the Presidium of the National Academy of Medical Sciences of Ukraine, the Cabinet of Ministers of Ukraine, Kharkiv Regional State Administration, the State Committee for Technical Regulation of Ukraine, and the Honorary Badge of the National Academy of Medical Sciences of Ukraine (Agapit of Pechersk Medal).

As a highly qualified specialist, Frida Solomonivna has always generously shared her profound knowledge and extensive experience with young researchers. For many years, she has delivered lectures on the problems of laboratory diagnostics in orthopedics and traumatology for interns, physicians, and postgraduate students. She is known for her exceptional humanity, kindness, sincerity, empathy, and willingness to help. She is a talented scientist and thoughtful teacher who continuously creates and develops; every day of her life is marked by an unwavering pursuit of new knowledge. Through her multifaceted scientific activity, Frida Solomonivna continues and develops the traditions of the Kharkiv school of orthopedics.

Frida Solomonivna is an active member of the trade union movement and has headed the audit commission of the Institute for many years.

We sincerely congratulate Frida Solomonivna on her jubilee! We express our gratitude for her tremendous hard work, devotion to science, and wise and kind words. We wish the jubilarian inspiration, new creative ideas, strong health, and strength for new achievements!

The Staff of the SI "Professor M.I. Sytenko Institute of Spine and Joint Pathology of the NAMS of Ukraine"
The Editorial Board of "Orthopaedics, Traumatology and Prosthetics"

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