

## **ROSTISLAV S. KARPOV** **(devoted to the 85<sup>th</sup> birthday)**



On September 8, 2022, we celebrate the 85<sup>th</sup> birthday of Rostislav S. Karpov, Doctor of Medical Sciences, Professor, Full Member of the Russian Academy of Sciences (RAS). Professor Karpov is a leading national scientist, physician, and cardiologist who has received well-deserved recognition in Russia and abroad. He has gained precious life experience and has invaluable experience in medicine, science, and teaching. He has been serving the good, his patients, students, and colleagues for over 60 years.

Rostislav S. Karpov successfully graduated from Tomsk Medical Institute in 1960 with a degree in General Medicine. He started his professional career as a physician in the Clinics of Tomsk Medical Institute (1962). Then he became the Head of Intermediate-Level Therapy Division with Clinical Pharmacology Course at Siberian State Medical University (1979–2018) and the Head of Cardiology Research Institute, Tomsk (1985–2015). He has been working as a Scientific Supervisor of Cardiology Research Institute of Tomsk National Research Medical Center (NRMC) since June 30, 2015 and as the Head of Research Direction at Tomsk NRMC since 2016 to the present.

Rostislav S. Karpov continued the traditions of Tomsk School of Internal Medicine established by M. S. Kurlov and D. D. Yablokov, Full Members of the Academy of Sciences of the Soviet Union and the Russian Academy of Medical Sciences. Professor Karpov shaped and developed new research areas, including rheumatology, cardiology, pediatric cardiology, and cardiovascular surgery, in Russia and the Tomsk region. Rostislav Karpov has been an organizer and consultant of Tomsk rheumatology service for many years. The scientific, educational, and clinical activities of Rostislav S. Karpov resulted in decreased morbidity, disability, and mortality of patients with rheumatic diseases. Professor Karpov was the founder and the first Dean of the Department for Advanced Medical Training at Tomsk Medical Institute (1979). Its establishment was of fundamental significance for the professional training of medical doctors in the region.

Together with Full Members of the Russian Academy of Medical Sciences E.I. Chazov and V.A. Almazov, Rostislav S. Karpov founded the USSR cardiological service and was responsible for its development in Siberia and the Far East. With direct participation of Professor Karpov, a branch of the All-Union Cardiology Center (which is Cardiology Research Institute today) was opened in Tomsk in 1980. Under his leadership, it became the largest research, clinical, and educational complex in the East of Russia with a branch in Tyumen. Cardiology Research Institute has been the leading institution in Siberia and the Far East in the fields of cardiology and pediatric cardiology for 36 years (1980–2016). Full Member of the Russian Academy of Sciences Rostislav S. Karpov initiated the opening of the first cardiology dispensary beyond the Urals in Tomsk with a capacity of 40 thousand visits per year. Under his leadership, for the first time in Russia, a mobile automated system for providing cardiac care for the scattered population of the Siberian region was developed and implemented in the practical healthcare

of the Tomsk region. Today, the system is being actively developed and continues to function on buses, trains, and river boats around the country.

In 1987, with the active participation and support of the Full Member of the Russian Academy of Medical Sciences V.V. Pekarskii, Rostislav S. Karpov organized one of the first cardiosurgical departments in Russia at the premises of Cardiology Research Institute. The clinic of Cardiology Research Institute has always received special attention and care from Rostislav S. Karpov. Currently, the Institute is a unique cardiovascular complex that allows to solve urgent problems of public healthcare in the fields of cardiology and cardiovascular surgery. The clinic is among top five federal medical institutions providing high-tech medical care for citizens of the Russian Federation.

From the very beginning, Rostislav S. Karpov has set the pace for the innovative and translational research at the Cardiology Research Institute. In order to develop innovative technologies, the Siberian Federal Arrhythmology Center was established at the premises of the Interventional Arrhythmology Department of Cardiology Research Institute in 1998. This department has been recognized as the leading regional center for arrhythmology, which largely determined the progress in the treatment of complex cardiac arrhythmias in people living in Siberia, the Far East, and the neighboring countries. In 2010, with the active support of Rostislav S. Karpov, the innovative Children's Heart Center was set up to help children and adolescents with cardiovascular diseases. It provides services from prenatal diagnosis to multi-stage hemodynamic and electrophysiology treatment of life-threatening congenital heart defects and heart rhythm disorders. Considering the range of interventions performed and outstanding results of treatment, the Children's Heart Center is currently considered one of the leading Russian clinics.

Being a supporter of a patient-centered approach in medicine, Professor Karpov was among the initiators of merging six Tomsk research medical insti-

tutes (the research institutes of cardiology, oncology, medical genetics, psychiatry, pharmacology and regenerative medicine, obstetrics, gynecology and perinatology) into a single Tomsk National Research Medical Center of the Russian Academy of Sciences in 2016. After five years, the Center became the largest scientific medical organization in the country. It is ranked first among organizations of the Ministry of Science and Higher Education in the field of clinical medicine.

Rostislav S. Karpov created a well-known therapeutic and cardiological school. His scientific works adequately reflect the most significant stages in solving the pressing problems of modern medical science and healthcare. The main areas of his research are rheumatology, cardiology, clinical pharmacology, clinical and population epidemiology, cardiovascular disease prevention, and public health and healthcare.

He is the author of over 1,000 scientific papers, including 38 monographs and 43 patents for inventions. Under his supervision, 42 dissertations for the degree of Candidate of Sciences and 81 dissertations for the degree of Doctor of Sciences were completed and defended. Students of Professor Karpov successfully work in internal medicine, cardiology, rheumatology, and clinical cardiology in over 40 leading organizations in the country and around the world.

Rostislav S. Karpov was awarded numerous state and public awards for highest excellence.

Rostislav S. Karpov devoted his entire life to serving people: his patients, students, and colleagues. He remains professionally active and generously shares his wisdom and invaluable human and professional experience with those around him.

The administration and the entire team of Cardiology Research Institute of Tomsk NRMC cordially congratulate the Teacher, Friend, and Colleague Rostislav S. Karpov on his 85<sup>th</sup> birthday and wish him excellent health, joy, positive mood, and active longevity! May the interest in life never fade away, and may positive emotions inspire new achievements!