

UDK 614.23+929+616-091.0
DOI: 10.56871/CmN-W.2023.47.30.015

RUSLAN ABDULLAEVICH NASYROV (ON THE OCCASION OF THE 70TH BIRTHDAY)

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For citation: Krasnogorskaya OL, Fedotova EP, Sidorova NA, Kalinina EYu, Davydova ZV, Anichkov NM. Ruslan Abdullaevich Nasyrov (on the occasion of the 70th birthday). Children's medicine of the North-West (St. Petersburg). 2023;11(4):126-128. DOI: <https://doi.org/10.56871/CmN-W.2023.47.30.015>

Received: 04.09.2023

Revised: 18.10.2023

Accepted: 21.12.2023

РУСЛАН АБДУЛЛАЕВИЧ НАСИРОВ (К 70-ЛЕТИЮ СО ДНЯ РОЖДЕНИЯ)

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Для цитирования: Красногорская О.Л., Федотова Е.П., Сидорова Н.А., Калинина Е.Ю., Давыдова З.В., Аничков Н.М. Руслан Абдуллаевич Насыров (к 70-летию со дня рождения) // Children's medicine of the North-West. 2023. Т. 11. № 4. С. 126–128. DOI: <https://doi.org/10.56871/CmN-W.2023.47.30.015>

Поступила: 04.09.2023

Одобрена: 18.10.2023

Принята к печати: 21.12.2023

November 11, 2023 marks the 70th anniversary of Ruslan Abdullaevich Nasyrov, one of the leading modern scientists in the field of pathological anatomy of childhood diseases and infectious pathology, professor, doctor of medical sciences, head of the department of pathological anatomy with a course of forensic medicine named after Professor D.D. Lokhov, vice-rector for scientific work of the St. Petersburg State Pediatric Medical University of the Ministry of Healthcare of the Russian Federation (SPbSPMU).

Ruslan Abdullaevich devoted more than 50 years to scientific activity in pathomorphology, an interest in which arose while still a student under the leadership of the head of the Department of Human Anatomy of the Semipalatinsk State Medical Institute, Professor E.P. Tsvetova. The main development of Ruslan Abdullaevich as

a specialist and scientist was in the department of pathological anatomy of the Institute of Experimental Medicine of the USSR Academy of Medical Sciences, which was headed by Professor V.E. Pigarevsky. In 1984, Ruslan Abdullaevich successfully defended his Ph.D. thesis on the topic "The state of neurons of the spinal nodes and spinal cord during hypokinesia" (scientific advisor Professor G.V. Konovalov), in 1995 — his doctoral dissertation on the topic "Patomorphology and issues of the pathogenesis of herpetic infection brain" (scientific consultant Professor V.P. Tumanov). While still working on his doctoral dissertation, in 1989 R.A. Nasyrov headed the pathomorphological group of the Scientific Research Institute of Childhood Infections.

The pediatric profile of scientific interests naturally continued when in 2007 Ruslan Abdullaevich

moved to the St. Petersburg State Pediatric Medical Academy to the position of head of the department of pathological anatomy (since 2009 — the department of pathological anatomy with a course of forensic medicine). In 2010, R.A. Nasyrov was appointed vice-rector for scientific work. Ruslan Abdullaevich is a member of the Presidium of the Russian Society of Pathologists, a member of the certification commission on pathological anatomy, and deputy editor-in-chief of the Pediatrician magazine, which is included in the list of scientific journals and publications of the Higher Attestation Commission. During the period 2009–2019, R.A. Nasyrov was the chief specialist in pathomorphology of childhood diseases of the Healthcare Committee of St. Petersburg.

Ruslan Abdullaevich honors his teachers and carefully preserves the traditions of his predecessors. On the initiative of R.A. Nasyrov at the end of 2022, the Department of Pathological Anatomy with a course of Forensic Medicine was named after its founder, the founder of the St. Petersburg School of Children's Pathologists, Professor Dmitry Dmitrievich Lokhov. R.A. Nasyrov is sincerely devoted to science; he is a talented leader, teacher and doctor. Ruslan Abdullaevich raised morphological research at the university to a new level by organizing an immunohistochemical (IHC) laboratory at his department.

Professor R.A. Nasyrov created a modern scientific and practical school of pathological anatomy, perinatal pathology and childhood diseases, which provides advisory assistance to doctors and patients in all regions of the Russian Federation. Under the leadership of Ruslan Abdullaevich, meetings of the section of pediatric pathology of the St. Petersburg Society of Pathologists are held; since 2018, within the framework of the congress "Healthy Children — the Future of the Country", conferences of pediatric pathologists have been organized, in which pathologists and forensic experts participate with scientific reports from various regions of Russia and foreign countries.

Ruslan Abdullaevich Nasyrov makes a great contribution to the training of medical, teaching and research personnel for the whole of Russia, to the development of domestic pathological anatomy. R.A. Nasyrov opened the way to science and practical medicine to many of his students, who continue his work in different parts of the world. He and his students identified immunohistochemical markers for the diagnosis and prognosis of diphtheria, chronic tonsil-



litis, infectious mononucleosis, viral hepatitis, tuberculosis, HIV infection, erythroderma, sudden death syndrome in children, and pathology of the gastrointestinal tract. For the first time R.A. Nasyrov, during an immunohistochemical study, discovered the bovine leukemia virus antigen in certain forms of breast cancer, and obtained original data on the significance of the infectious factor in ovarian cancer. Based on the study of a wide range of immunohistochemical markers of chronic endometritis, effective tactics for restoring reproductive function in women with a burdened obstetric and gynecological history have been developed, which can significantly affect the increase in the total fertility rate in Russia. The research by Professor R.A. Nasyrov and his students showed that the structures of the microvasculature vessel wall are the earliest target of the influence of pathogenicity factors during herpetic neuroviral infection. Subsequently, the dominant role of the vascular factor was shown using examples of bacterial (*Haemophilus influenzae*, pneumococcal) and fungal (cryptococcal) infections. The results obtained were of fundamental importance and determined a new scientific direction in the study of the role of the microvasculature vessel wall in the pathogenesis of infectious diseases. These data brought new insights into the understanding of the genesis and treatment tactics of infectious diseases, as well as into the further development of the theory of pathology.

Ruslan Abdullaevich, having a wealth of clinical experience, is directly involved in the diagnostic work of the pathology department of the university, conducting clinical and anatomical analyzes of each fatal case, which contributes to the solution of an urgent problem — the study of the causes and mechanisms of death in perinatal pathology and pathology of childhood.

The results of Ruslan Abdullaevich's work are reflected in monographs, guidelines and manuals, among them "Diphtheria in Children" (2000), "Viral meningitis and meningoencephalitis in children" (2008), "Purulent meningitis in children" (2017), "Pathoanatomical diagnosis in perinatology" (2019), "Pathomorphological studies in perinatology" (2020), etc. The total number of scientific works exceeds 300 publications, of which more than 100 were published over the past five years, with 32 works in journals from the Scopus list. With the participation and guidance of R.A. Nasyrov, over the past three years, published the textbook "Pathological Anatomy. General part" (2021), 6 manuals (one of them published in Germany), 12 teaching aids. Professor R.A. Nasyrov is

a co-author of 14 patents for inventions. Under his leadership, 14 candidate and 3 doctoral dissertations were defended. Currently, 4 candidate and 1 doctoral dissertations are being carried out.

For achievements in the field of higher education, Professor R.A. Nasyrov in 2020 was awarded the gratitude of the Legislative Assembly of St. Petersburg. In 2022, at the Congress of Russian Pathologists he was awarded a diploma for his significant contribution to the development of pathological anatomy and active participation in the work of the Russian Society of Pathologists, in 2023 he became a laureate of the national award of the Russian Professorial Assembly "Vice-Rector of the Year for Research" in the category of medical universities.

The staff of the Department of Pathological Anatomy with the Course of Forensic Medicine named after Professor D.D. Lokhov, the editorial board of the journal "Children's Medicine of the North-West", students and colleagues cordially congratulate Ruslan Abdullaevich on his anniversary and wish him good health, successful creative search, new scientific discoveries and professional achievements.