

REGISTER
OF ACADEMICS OF THE NATIONAL ACADEMY OF SCIENCES OF THE REPUBLIC OF KAZAKHSTAN UNDER THE PRESIDENT OF THE
REPUBLIC OF KAZAKHSTAN
(as of 10.09.2026)

DEPARTMENT OF SCIENCE «ON AGROBIORESOURCES AND ECOLOGY»

1.	 KURISHBAYEV AKHYLBEB	Place of work: President of the Board of the National Academy of Sciences of the Republic of Kazakhstan under the President of the Republic of Kazakhstan, Member of the National Council for Science and Technology under the President of the Republic of Kazakhstan. Foreign member of the Russian Academy of Sciences Academic degree: Doctor of Agricultural Sciences, Professor, Academician of the National Academy of Sciences of the Republic of Kazakhstan Work experience: more than 50 years Scientific field: Agricultural and veterinary sciences Research area: Leading scientist in the field of agricultural science Scientific achievements (works): Author of more than 200 scientific papers, 4 monographs, 10 patents, copyright certificates and breeding achievements (soft spring wheat, barley). He has trained 2 candidates of agricultural sciences and 7 PhDs. Under his leadership, major programs in the field of precision agriculture have been implemented, and fundamentally new regulations for spatially heterogeneous (point) distribution of seeds and fertilizers have been introduced, taking into account the specifics of the steppe zone. The Academy's Development Strategy until 2025 and the Concept for the Development of Regional Science have been developed; a predictive analytics system has been created; major flagship scientific and technical tasks have been formulated; and research institutes and centres have been established with the participation of leading foreign partners Year of election: 2024 E-mail: info.qazscience@gmail.com и info@qazscience.gov.kz
2.	 TURUSPEKOV YERLAN	Place of work: Head of the Laboratory of Molecular Genetics at the RSE on PPV «Institute of Plant Biology and Biotechnology» of the Committee for Science and Higher Education of the Ministry of Science and Higher Education of the Republic of Kazakhstan Academic degree: Candidate of Biological Sciences, Professor, Academician of the National Academy of Sciences Work experience: more than 40 years Scientific field: Natural sciences Research area: Leading scientist in the field of plant genetics Scientific achievements (works): Author of more than 180 scientific works, 4 monographs, 4 recommendations, and 4 (zoned) varieties of agricultural crops. Developed sets of informative SNP markers to improve the efficiency of wheat, barley, and soybean breeding in Kazakhstan. Conducted molecular taxonomy of rare and economically valuable species of wild flora in Kazakhstan Year of election: 2024 E-mail: yerlant@yahoo.com

3.	 ORYNBAYEV MUKHIT	Place of work: Chief Researcher at LLP “Research Institute of Biological Safety Problems” of the Ministry of Health of the Republic of Kazakhstan Academic degree: Candidate of Veterinary Sciences, Professor, Academician of the National Academy of Sciences of the Republic of Kazakhstan Work experience: more than 40 years Scientific field: Agricultural and veterinary sciences Research area: Leading scientist in the field of biological (veterinary) safety Scientific achievements (works): Author of more than 300 scientific papers, including 50 inventions, 4 monographs, 1 textbook, 17 regulatory and technical documents on the production and control of diagnostic and preventive medications, as well as more than 10 implemented vaccine and diagnostic preparations. Scientific research is related to the study of particularly dangerous pathogens and the development of means for the specific prevention and diagnosis of infectious diseases. For over 35 years, he has been engaged in scientific research aimed at improving the system for responding to outbreaks of particularly dangerous diseases and the system for monitoring particularly dangerous infectious diseases Year of election: 2024 E-mail: omb65@mail.ru
4.	 ABDRAKHMANOV SARSENBAY	Place of work: Vice-Rector for Research Activities — Member of the Management Board of the NJSC «S. Seifullin Kazakh Agrotechnical Research University» Academic degree: Doctor of Veterinary Sciences, Professor, Academician of the National Academy of Sciences of the Republic of Kazakhstan Work experience: more than 35 years Scientific field: Agricultural and veterinary sciences Research area: Veterinary epidemiology and the use of information and communication technologies in veterinary medicine Scientific achievements (works): Author of more than 316 scientific papers, 6 monographs, 27 textbooks and teaching aids, 15 patents for inventions. Is the developer of 2 regulatory and technical documents for vaccine preparations registered in the State Register of Veterinary Preparations. Founder of the domestic scientific school of veterinary epidemiology. Author of veterinary preparations, including «Immunochromatographic test for detecting campylobacteriosis in cattle» and «PCR test system for diagnosing equine strangles». Under his academic supervision, 2 candidates of sciences, 4 PhD holders, and more than 30 master’s students have been trained Year of election: 2026 E-mail: S_abdrakhmanov@mail.ru, s.abdrakhmanov@kazatu.edu.kz

DEPARTMENT OF SCIENCES «ON LIFE AND HEALTH»

5.	 LOKSHIN VYACHESLAV	Place of work: Head of the international clinical reproductive medicine center «PERSONA» Academic degree: Doctor of Medical Sciences, Professor, Academician of the National Academy of Sciences of the Republic of Kazakhstan Work experience: more than 50 years Scientific field: Medical sciences and healthcare Research area: Leading scientist in the field of assisted reproductive technology Scientific achievements (works): Author of more than 215 works, including: 5 methodological recommendations, 3 monographs, 5 rationalization proposals, 7 patents for inventions. Under his leadership, new areas of scientific research were established: «Reproductive Medicine» and «Assisted Reproductive Technologies», among others. He trained 4 candidates and 1 doctor of medical sciences, more than 130 practicing physicians, and 100 clinical embryologists. He created a new field of medicine aimed at preserving the reproductive potential of cancer patients — oncofertility — for which he was awarded the “Best Doctor in Russia”. Year of election: 2024 E-mail: info@persona-ivf.kz, Vyacheslav.lokshin@yandex.kz
6.	 AKSHULAKOV SERIK	Place of work: Chairman of the Board of JSC «National Center for Neurosurgery», Member of the National Council for Science and Technology under the President of the Republic of Kazakhstan Academic degree: Doctor of Medical Sciences, Professor, Academician of the National Academy of Sciences Work experience: more than 50 years Scientific field: Medical sciences and healthcare Research area: Leading scientist in the field of neurosurgery Scientific achievements (works): Author of more than 300 scientific works, including 19 monographs and 16 patents. Under his leadership, 70 innovative technologies were implemented. Under his leadership, the following clinical areas experienced active development: (1) microneurosurgery; (2) functional neurosurgery; (3) treatment of vascular diseases of the brain; (4) reconstructive spinal surgeries; (5) the use of neuromodulation and neuronavigation; (6) radiosurgery – Gamma Knife. He transferred 65 technologies to the regions. Under his scientific supervision, 29 specialists were trained (1 Doctor of Science, 25 Candidates of Science, and 3 PhDs). Year of election: 2024 E-mail: neuroclinic@med.mail.kz, s.akshulakov@gmail.com

7.	 PYA YURIY	Place of work: Chairman of the Board of the University Medical Center Academic degree: Doctor of Medical Sciences, Associate Professor, Academician of the National Academy of Sciences of the Republic of Kazakhstan Work experience: more than 50 years Scientific field: Medical sciences and healthcare Research area: Leading scientist in the field of cardiology and cardiac surgery Scientific achievements (works): One of the authors of the Program for the Development of Cardiac and Cardiac Surgical Services in Kazakhstan. He introduced a number of innovative technologies in Kazakhstan, including heart and lung transplantation, performing cardiac surgical operations on newborns with severe congenital heart defects, a conditioning method for preserving donor hearts, mitral valve clip placement, implantation of a fenestrated graft into the aortic arch, and others. Under his leadership, the ALEM device, which has no analogues in the world and provides for the long-term transportation and treatment of donor organs outside the body, was developed and put into operation. The device was developed based on Eurasian patent for invention No. 04135 B1 (2022). For the first time in the world, it performed unique operations at the international level involving the implantation of a fully artificial heart and a fully implantable device for ventricular support Author of more than 60 scientific publications indexed in the Web of Science and Scopus databases, holds 1 Eurasian patent, 2 US patents for inventions, and 3 copyright certificates. Has trained more than 8 candidates of sciences and PhDs Year of election: 2024 E-mail: umc@umc.org.kz
8.	 KAIDAROVA DILYARA	Place of work: First Vice-Rector of the National Joint Venture «Kazakh National Medical University named after S. D. Asfendiyarov» Academic degree: Doctor of Medical Sciences, Professor, Academician of the National Academy of Sciences of the Republic of Kazakhstan Work experience: more than 35 years Scientific field: Medical Sciences and Healthcare Research area: Leading scientist in the field of oncology and oncogynecology. President of the Association of Oncologists of Kazakhstan Scientific achievements (works): Author of more than 250 scientific papers, including 7 monographs and chapters in monographs, 3 textbooks, 6 author's certificates, and 7 methodological recommendations. Under her leadership, new technologies have been introduced in the field of radiation therapy for tumors of various localizations, which has significantly improved the quality of radiological treatment of oncological diseases. An innovative method for treating primary and metastatic skin tumors has been developed, based on a combination of physical (electrical impulses) and chemical (chemotherapy) effects, which has proven its effectiveness in the resorption of neoplastic lesions. Under her scientific supervision, 5 PhD students have been trained, and another 17 doctoral candidates are conducting research in the field of oncology. Year of election: 2024 E-mail: dilyara.kaidarova@gmail.com

DEPARTMENT OF SCIENCES «ON EDUCATION AND SOCIAL DEVELOPMENT»

9.	 TUIMEBAYEV ZANSEIT	Place of work: Chairman of the Board – Rector of Al-Farabi Kazakh National University Academic degree: Doctor of Philological Sciences, Associate Professor, Academician of the National Academy of Sciences of the Republic of Kazakhstan Work experience: more than 50 years Scientific field: Humanities and Arts Research area: Specialist in philology, Turkology, and Altaic studies Scientific achievements (works): Author of approximately 100 scientific papers in domestic and foreign publications, and about 40 monographs, textbooks, dictionaries, and books. Made a significant contribution to the development of the comparative-historical study of Turkic and Mongolian languages. Under his leadership, a project was initiated to create a unified digital database for linguistic research, implemented in cooperation with scientists from Turkey and Azerbaijan. Special attention is paid to popularizing science among young people: to this end, the «Uly Dala Tulgalary» («Leaders of the Great Steppe») series is being implemented — a cycle of publications about outstanding scientists and thinkers. Year of election: 2026 E-mail: info@kaznu.edu.kz
10.	 TAIMAGAMBETOV ZHAKEN	Place of work: Chief Researcher at the National Museum of the Republic of Kazakhstan Academic degree: Doctor of Historical Sciences, Professor, Academician of the National Academy of Sciences of the Republic of Kazakhstan Work experience: more than 50 years Scientific field: Humanities and Art Research area: Leading scholar in the field of Stone Age studies Scientific achievements (works): Author of more than 550 scientific works published in 12 languages, including 53 monographs and 2 author's certificates; discoverer of more than 200 Paleolithic sites in various regions of Kazakhstan, among which are Koshkurgan, Shoktas, Kyzyltau, Mugalzhyr, Aral, Uzen, Maybulak, Ushbulak, etc., which have gained worldwide recognition. He obtained absolute dates for stratified Paleolithic sites – the Koshkurano-Shoktassky complex, the Ch. Valikhanov station, Shulbinka, Maybulak, Ushbulak, and Karaungur. He is the head of international archaeological expeditions: 1) the Kazakh-German expedition, which involved specialists from the USA, Germany, Italy, Romania, Belgium, Australia, Japan, India, Brazil, Greece, England, and Spain. Year of election: 2024 E-mail: Zhaken.taimagambetov@gmail.com

11.	 BILYALOV DARKHAN	Place of work: Professor at Nazarbayev University Academic degree: Ph.D., Professor, Academician of the National Academy of Sciences of the Republic of Kazakhstan Work experience: over 20 years Scientific field: Social sciences Research area: Leading scholar in the field of education Scientific achievements (works): Author of more than 50 scientific publications, including monographs and methodological guides, 7 copyright certificates, etc. He acted as an instructor for country groups from Uzbekistan and Kyrgyzstan as part of the NORRAG Knowledge Innovation Exchange training course. Year of election: 2024 E-mail: dbilyalov@nu.edu.kz
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DEPARTMENT OF SCIENCE «ON EARTH, SPACE AND COMMUNICATIONS»

12.	 DJUMADILDAYEV ASKAR	Place of work: Vice-President of the National Academy of Sciences of the Republic of Kazakhstan under the President of the Republic of Kazakhstan, Member of the National Council for Science and Technology under the President of the Republic of Kazakhstan Academic degree: Doctor of Physical and Mathematical Sciences, Professor, Academician of the National Academy of Sciences of the Republic of Kazakhstan Work experience: more than 50 years Scientific field: Natural sciences Research area: Leading scientist in the field of mathematics Scientific achievements (works): Author of 200 publications, including more than 20 scientific articles in high-ranking peer-reviewed scientific journals. He established analogues of the Levi-Mal'tsev theorems for Lie algebras of positive characteristic, etc. Under his supervision, 1 doctoral dissertation, 8 candidate dissertations, and 4 PhD theses were defended. He is the author of a textbook on discrete mathematics for students and the editor of the scientific and educational journal «Əl-Zhəbrdin atasy». Member of the Presidium of the National Academy of Sciences of the Republic of Kazakhstan Year of election: 2024 E-mail: info.qazscience@gmail.com, info@qazscience.gov.kz
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13.	 BAKENOV ZUMABAY	Place of work: Director General of the «Institute of New Materials and Energy Technologies», Professor at the School of Engineering and Digital Sciences, Nazarbayev University Academic degree: Candidate of Chemical Sciences (physical chemistry), Doctor of Engineering in Chemical Engineering (D.Eng), Professor, Academician of the National Academy of Sciences of the Republic of Kazakhstan Work experience: over 40 years Scientific field: Natural sciences Research area: Leading scientist in the field of energy storage and conversion systems Scientific achievements (works): Author of more than 250 scientific papers, including articles in journals with a high impact factor, 5 chapters in books published by international publishers, and 14 articles in collections of materials from rating international conferences. Author of a unique technology for a fast-charging battery with high charge capacity, reliability, long service life, environmental safety, and low production cost. The technical result of the invention is an improvement in the operational characteristics of the battery, in particular, a reduction in the aggressive properties of the electrolyte, which ensures increased reliability, a longer service life, and improved environmental safety of the battery. He developed a method for producing a multilayer thin-film anode based on a lithium–tin alloy for lithium-ion micro-batteries. In 2013, he founded the first startup company at Nazarbayev University — LLC “Battery Institute” — as part of the World Bank’s Commercialization Program and the Government of the Republic of Kazakhstan Year of election: 2024 E-mail: zbakenov@nu.edu.kz
14.	 BATYRBEKOV ERLAN	Place of work: Deputy of the Kurultai of the Republic of Kazakhstan, former Director General of the National Nuclear Center of the Republic of Kazakhstan, Professor at Shakarim University. Academic degree: Doctor of Physical and Mathematical Sciences, Professor, Academician of the National Academy of Sciences of the Republic of Kazakhstan Work experience: more than 45 years Scientific field: Natural sciences. Research area: Leading scientist in the field of nuclear energy safety, controlled thermonuclear fusion, radioecology and radiation technologies Scientific achievements (works): Author of more than 200 scientific publications, including 16 monographs and 12 patents. A recognized scientist by the international scientific community in the field of converting nuclear energy into optical radiation, improving the safety of nuclear power, developing technologies for controlled thermonuclear fusion, radioecology, as well as the development and application of radiation technologies. Author of the scientific concept “Powerful in-reactor nuclear-excited sources of coherent and incoherent optical radiation with direct and combined nuclear pumping.” For the first time in the world, he successfully converted nuclear energy into laser radiation Year of election: 2024 E-mail: batyrbekov@nnc.kz

15.	 KALTAYEV AIDARKHAN	Place of work: Head of the Research Laboratory «Engineering Mechanics and Modeling» at KazNRTU named after K. Satpayev Academic degree: Doctor of Physical and Mathematical Sciences, Professor, Academician of the National Academy of Sciences of the Republic of Kazakhstan Work experience: over 50 years Scientific field: Technical sciences Research area: Leading scientist in the field of fluid and gas mechanics Scientific achievements (works): Author or co-author of more than 100 scientific papers, including more than 50 publications in journals indexed in the Web of Science and Scopus databases. Co-author of 5 invention patents and 7 copyright certificates for software. Developed and created a 3D simulation model of the uranium extraction process using the in-situ leaching method and a digital control system that enables forecasting, planning, monitoring, and effective management of the extraction process. I developed and created a 3D simulation model of the process of uranium oxide sorption from a solution, and also conducted studies on the efficiency of the sorbent, etc. Year of election: 2024 E-mail: aidarkhan.kaltayev@gmail.com
16.	 TELTAYEV BAGDAT	Place of work: Director of the Institute of Transport Sciences and Technologies Academic degree: Doctor of Technical Sciences, Professor, Academician of the National Academy of Sciences of the Republic of Kazakhstan Work experience: more than 50 years Scientific field: Technical sciences Research area: Leading scientist in the field of mechanics of road structures and materials Scientific achievements (works): Author of 870 scientific papers, 8 monographs, 70 regulatory documents and inventions. Developed the Bitumen Map of Kazakhstan, the Road and Climatic Zoning of Kazakhstan, Standard designs of road pavements for local highways, an album of rational designs of road pavements for highways, equipment for grinding materials to nanoscale dimensions, a screw classifier for ground materials, sensors and methods for measuring temperature and humidity in road structures, and other developments Year of election: 2024 E-mail: bagdatbt@yahoo.com
17.	 RAMAZANOV TLEKABUL	Place of work: Professor at Al-Farabi Kazakh National University Academic degree: Doctor of Physical and Mathematical Sciences, Professor, Academician of the National Academy of Sciences of the Republic of Kazakhstan Years of experience: over 40 years Scientific field: Natural sciences Research area: Leading scientist in the field of plasma physics and plasma nanotechnologies Scientific achievements (works): Author of more than 500 scientific papers, 2 monographs, and 15 educational and methodological manuals. New models of particle interaction in dense quasi-classical plasma have been developed, taking into account collective and quantum effects, etc. Year of election: 2024 E-mail: ramazan@physics.kz
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	 SURAGAN DURVUDKHAN	Place of work: Professor at Nazarbayev University. Academic degree: Ph.D., academician of the National Academy of Sciences of the Republic of Kazakhstan. Work experience: more than 20 years. Scientific field: Natural sciences Research area: Leading scientist in the field of mathematics Scientific achievements (works): Author of more than 90 scientific papers and 2 monographs. Author of research on the following topics: • Improved Hardy-type inequalities • Subelliptic functional inequalities • Analysis of remainder terms for Hardy-type inequalities • Potential theory on graded Lie groups Year of election: 2024 E-mail: suragan@math.kz
19.	 ZDOROVETS MAXIM	Place of work: Director of the Department of Science and Innovation at the Atomic Energy Agency of the Republic of Kazakhstan, Senior Researcher at the Engineering Laboratory of the L.N. Gumilyov Eurasian National University, Former Director of the Astana Branch of the Institute of Nuclear Physics of the Ministry of Energy of the Republic of Kazakhstan Academic degree: Candidate of Physical and Mathematical Sciences, Professor, Academician of the National Academy of Sciences of the Republic of Kazakhstan Work experience: more than 20 years Scientific field: Natural Sciences Field of research: Leading scientist in the field of radiation materials science, membrane technologies, and nanotechnologies. Scientific achievements (works): Author of more than 300 scientific papers and 6 monographs. Under his leadership, the scientific field of track membranes and radiation materials science has experienced active development. Year of election: 2024 E-mail: info@inp.kz, m.zdorovets@atom.gov.kz