

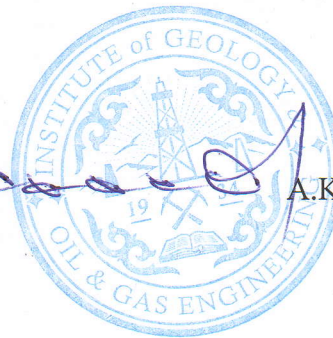
Reference
about the candidate for academic title of professor
in the scientific direction of 10300 – Chemical Sciences

1	Surname, first name, patronymic (if any)	Berillo Dmitriy Aleksandrovich
2	Academic degree, date of award	PhD in organometallic chemistry, catalysis and plant chemistry 02.00.10 by decision of the certification commission dated June 1, 2010. N 0000002 Topic "Synthesis, structure and properties of aminopropionic acid hydrazides and their properties." 01.06.2010.
3	Academic title, date of award	
4	Honorary title, date of award	
5	Position (date and number of the order on appointment to the position)	<p>1. Employed as Acting Head of the Department of Pharmaceutical and Toxicological Chemistry, Pharmacognosy and Botany of the National Medical University on 09.10.2019 (order No. 835 l/s dated 16.10.2019) (indicated in the work record book);</p> <p>2. Transferred to the position of Head of the Department of Pharmaceutical and Toxicological Chemistry, Pharmacognosy and Botany of the National Medical University (Order No. 1465 l/s dated 01.09.2021);</p> <p>3. Transferred to the position of Deputy. Head of the Research Institute of FPM named after. B.A. Atchabarova at the National Medical University NJSC dated 11.10.2021 050000, Republic of Kazakhstan, Almaty (order No. 1811 l/s 04.10.2021) (indicated in the work book);</p> <p>4. Accepted as an associate professor at the Department of Chemistry and Biochemical Engineering of KazNRTU named after Satpayev, Almaty (order No. 1864 l/s 23.01.2023) (indicated in the work book);</p>
6	Experience in scientific, scientific and pedagogical activity	A total of 14 years, including in the position of Head of the Department 2 years and Associate Professor 1 year 7 months
7	Number of scientific articles after receiving the academic title of Associate Professor	<p>In total, after receiving a PhD degree in the field of Organometallic Chemistry and Catalysis, Plant Chemistry, 76 scientific papers were published, namely:</p> <ul style="list-style-type: none"> - in international peer-reviewed journals included in the Scopus, Web of Science databases - 48, including - 39 articles in journals with a percentile of more than 50; - in publications recommended by the Committee for Quality Assurance in Science and Higher Education - 7; - patents for invention of the Republic of Kazakhstan - 5; - articles published in other scientific journals and publications - 16;

		- reports in international scientific conferences - 22 ;
8	The number of monographs, textbooks, and individually written teaching aids (educational and methodological manuals) published over the last 5 years	<p>Monograph (single author). Monograph/ Berillo D.A. – Almaty: “KazNITU after K.I. Satpayev” 2024, -225s. ISBN 978-601-323-466-3 With a volume of 14 printed sheets. Recommended for publication by the decision of the Academic Council of the NJSC “Kazakh National Research Technical University named after. K.I. Satpayev protocol 10 of March 28, 2024</p> <p>Monograph (single author). Berillo D.A. – Almaty: “KazNMU named after. S.D. Asfendiyarov”, 2023. -251 p. ISBN 978-601-246-749-9 With a volume of 15.7 printed sheets. Recommended for publication by decision of the Senate of KazNMU named after Asfendiyarov (protocol 19/17 of 02.24.2022)</p> <p>Chapter of the book Macroporous cryogel-based systems for water treatment applications: nanocomposite-based cryogels and bacteria-based bioreactors. Springer Verlag, Singapore, 2023 editor P. V. Mohanan and Sudha Kappalli (Eds): Biomedical Applications and Toxicity of Nanomaterials, 978-981-19-7833-3, 537319_1_En, (Chapter 1) 902p ISBN-10 9811978336 ISBN-13 978-9811978333</p>
9	Persons who defended their dissertation under his supervision and have an academic degree	<p>1. Doctor of Philosophy Baymenov Alzhan Zhuldasovich date of defense of PhD dissertation 01.06.2020 on the topic “Macroporous Cryogel Composites for Removal of Heavy Metals from Aqueous and Biological Media” School of Engineering, Nazarbayev University.</p> <p>2. Doctor of Philosophy Sultankulov Bolat Mukhtarovich date of defense of PhD dissertation 29.06.2020 on the topic "Chitosan composite cryogel with polyelectrolyte complexes for tissue regeneration application" School of Engineering, Nazarbayev University.</p>
10	Laureates and prize winners of national, international and foreign competitions, exhibitions, festivals, awards and olympiads prepared under his supervision.	Zhanabay Zhanat - participant of the project "Best young scientists - 2022", a 1st year master's student of the specialty "Technology of pharmaceutical production" of the School of Pharmacy was awarded a 1st degree diploma and a medal "Best young scientist - 2022", among scientific and educational institutions of the Commonwealth of Independent States within the framework of the project "V International book publication of the countries of the Commonwealth of Independent States"
11	Additional Information	<p>1. The best university teacher from the Ministry of Education and Science of the Republic of Kazakhstan 2020;</p> <p>2. The best young researcher in medicine of the Ministry of Health of the Republic of Kazakhstan 2021;</p> <p>3. Participation in scientific projects (over the last 5 years): 3.1. Scientific supervisor, postdoctoral fellow Kalieva Assem for the project “Zhas Galym” 2024-2026: AR22684163 Development of new bactericidal biocomposites based on</p>

	<p>biopolymers with silver nanoparticles, stabilized with plant extracts with a fast-acting wound-healing effect</p> <p>3.2. Implementer of the section of the scientific and technical ecology program: "National program for the implementation of personalized and preventive medicine in the Republic of Kazakhstan" NJSC "Kazakh National Medical University named after. S.D. Asfendiyarov" 2021-2023</p> <p>3.3. Executor of the project IRN BR21882248 "Development and organization of production of original domestic medicines according to GMP standards" (hereinafter referred to as the Program), carried out under an agreement dated November 15, 2023. No. 399-IIIQΦ-23-25 2023-2023</p> <p>3.4. Foreign co-PI of the project AP05134040 Microencapsulation of probiotics in polysaccharide matrices for the development of functional food products based on mare's milk Non-profit joint-stock company "Al-Farabi Kazakh National University" 2018-2020 Competition for grant funding for scientific and (or) scientific and technical projects for 2018- 2020</p> <p>3.5 PI of the intra-university grant of KazNMU named after Asfendiyarov "Chemical development and research of active pharmaceutical substances based on nitrogen-containing heterocyclic compounds" 2021-2024</p>
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Director of the Institute of Geology
and Oil-gas Business named after K. Turysov,
NPJSC "KazNITU named after K.I. Satpayev"



A.Kh. Syzdykov