

SCIENTIFIC OPINION

by

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Member of a scientific jury based on order №P-109-292/05.09.2024 of the Rector of Varna Medical University and appointed for preparation of a scientific opinion according to the protocol of the first meeting held on 16.09.2024.

REGARDING: Competition for position "Associate Professor" announced in the State Gazette, issue 57/05.07.2024 for the needs of the Department of "Pharmacology, toxicology and pharmacotherapy", Faculty of Pharmacy, Medical University – Varna "Prof. Dr. Paraskev Stoyanov" in the Specialty "Toxicology", Professional direction 7.3. Pharmacy, Higher Education Area 7. Health Care and Sports.

One candidate participated in the competition – Ch. Assist. Nadezhda Rumenova Karkkeselyan, PhD. The candidate has submitted all the necessary documents for the competition in accordance with the requirements of the Law for Development of the Academic Staff in the Republic of Bulgaria, the Regulations for the Application of the Law and the Regulations for the Development of the Academic Staff at the Medical University – Varna "Prof. Dr. Paraskev Stoyanov".

Brief biographical data

Nadezhda Rumenova Karkkeselyan was born on 06.02.1987 in Varna. She graduated in 2011 from MU-Plovdiv with an educational and qualification degree "Master" in the specialty "PHARMACY". The candidate worked as a master pharmacist at a community pharmacy in the period 2011-2013. In 2013 she was appointed as an ASSISTANT PROFESSOR in pharmacology at the Department of "Preclinical and clinical sciences", Training Sector "Pharmacology and toxicology", Faculty of Pharmacy at the Medical University of Varna, then as an assistant professor of pharmacology and toxicology at the Department of "Pharmacology, toxicology and pharmacotherapy", Faculty of Pharmacy, MU – Varna. In 2016, she was enrolled as a PhD student in an independent form of study at MU-Varna. After successfully defending her dissertation with the topic "Pharmacotherapeutic study, potential side and toxic effects of cardioactive drugs in the treatment of hospitalized patients with chronic heart failure" in 2018, she obtained a PhD in the scientific specialty "Toxicology". From 2019 she holds the academic position CHIEF ASSISTANT PROFESSOR at the Department of "Pharmacology, Toxicology and Pharmacotherapy", Faculty of Pharmacy, MU – Varna. In 2020, chief assist. prof. Nadezhda

Karkkeselyan acquired the specialty "Toxicology and toxicological analysis" and has successfully completed an individual training plan in "Hospital Pharmacy".

She has very good computer literacy. Main languages of communication: Bulgarian and English. She is a member of the following scientific organizations: Bulgarian Pharmaceutical Union, Bulgarian Society of Clinical Toxicology, Bulgarian Society of Pharmacology, Clinical Pharmacology and Therapy and Bulgarian Society of Nutrition and Dietetics.

Teaching and learning activity

Chief assist. prof. Nadezhda Karkkeselyan has 12 years of experience in the specialty, of which 10 years of teaching experience at MU-Varna.

She participates in conducting seminars on toxicology and pharmacology for Pharmacy Master's students. She also takes part in conducting lectures on toxicology for Pharmacy Master's students, and lectures on toxicology and pharmacology for students in the "Assistant Pharmacist" specialty.

Scientific and publication activity

In terms of its thematic focus, the candidate's scientific production can be divided and summarized in the following main directions:

- Study for potential drug interactions.
- Pharmacotherapeutic and toxicology studies.
- Study of natural substances and probiotics.
- Marine medicine, therapy and toxicology.

The overall scientific and publication activity of the chief assist. prof. Nadezhda Karkkeselyan is represented by 21 scientific publications (8 of which are published in refereed and indexed journals, and 7 of the scientific publications have an impact factor), 5 study guides (co-authored), a dissertation and a monographic work, as well as participation in 3 research projects. She has 33 participations in national and international scientific conferences and symposia.

For the current competition, chief assist. prof. Nadezhda Karkkeselyan presents 18 scientific publications (articles published in refereed and indexed journals - 8 articles; of which articles published in journals with impact factor - 7 articles), as well as one habilitation thesis on the topic "Drug interactions in patients with cardiovascular diseases", published in 2024. In 2 of the publications submitted for participation in the competition, the candidate is an independent author, in 5 of them she is the first author, and in 9 of the publications she is the second or third author. Of the publications submitted, 10 are in English and 8 in Bulgarian.

The total impact factor of the candidate is 11.827. To date, 75 citations in the Google scholar database (h-index 5) and 42 citations in the SCOPUS database (h-index 3) have been identified, indicating the importance of the author's published scientific output.

Conclusion

The scientific production of chief assist. prof. Nadezhda Karkkeselyan, PhD fully complies with the Law on the Development of Academic Staff in the Republic of Bulgaria, as well as the Regulations of the University of Varna for the acquisition of the academic position "ASSOCIATE PROFESSOR". The minimum requirements laid down in the law are fully covered for occupying the given position and in some indicators the candidate's collected points exceed those laid down in the Regulations of MU-Varna. All this gives me a reason to give a POSITIVE ASSESSMENT and to propose to the respected members of the Scientific Jury to vote for awarding the academic position of "ASSOCIATE PROFESSOR" to chief assist. prof. Nadezhda Karkkeselyan, PhD in the field of higher education 7. Health care and sport, professional direction 7.3. Pharmacy, in the specialty "Toxicology" for the needs of the Department of "Pharmacology, Toxicology and Pharmacotherapy", Faculty of "Pharmacy" at MU-Varna.

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/Prof. Kaloyan Georgiev, PhD, DSc/