

REVIEW

by Professor Valentina Boyanova Petkova-Dimitrova, Ph.D., member of the Scientific Jury, included by Order No. R-109-370 of the Rector of the Medical University - Varna

regarding the announced competition for the occupation of the academic position "professor" in the field of higher education 7. "Health and sport", by professional direction 7.3. "Pharmacy" and scientific specialty "Hospital Pharmacy" for the needs of the Department "Organization and Economy of Pharmacy", Faculty of Pharmacy (FPh), Medical University (MU) - Varna, State Gazette, no. 54/23.06.2023

Procedure data

One candidate participated in the competition, associate professor Evgeni Evgeniev Grigorov, PhD, who meets the scientometric requirements in accordance with the "Regulations for the Implementation of the Law on the Development of the Academic Staff in the Republic of Bulgaria" and the "Regulations on the Development of the Academic Staff of MU-Varna" (Academic reference for the publications, citations and scientific profiles) and according to the attached documentation is admitted to participate in the competition by a commission for receiving the necessary documents. All administrative documents are presented according to the procedure provided for in the LDASRB, the Regulations for its application and the Regulations for the development of the academic staff of the University of Varna.

Brief biographical data

Associate Professor Grigorov obtained a master's degree in pharmacy in 2003, at MU-Sofia, as well as a master's degree in "Health Policy and Healthcare Management" from the New Bulgarian University in 2005.

Obtained a bachelor's degree in "Finance", UNSS in 2013. He defended his dissertation on the scientific specialty "Social medicine and organization of health care and pharmacy", National Center for Public Health and Analyzes in 2014 and obtained the educational and scientific degree "PhD".

In 2017 obtained a master's degree in "Economic Logistics", UNSS.

There are specialties in "Organization and Economics of Distribution and Pharmacy Practice", "Clinical Pharmacy", "Economics of Healthcare", "Organization and Economics of Pharmaceutical Production" and "Hospital Pharmacy".

The work experience of associate professor Grigorov goes through assistant, senior assistant, ch. assistant, since 2015 at the Faculty of Pharmacy, MU-Sofia, after which he qualified as an associate professor at MU-Varna.

The candidate's professional development to date shows an extremely successful and highly specialized university and professional career development, and his professional skills have established him as a desirable academic teacher at MU-Varna.

Teaching and learning work

The educational and teaching work of Associate Professor Grigorov is mainly related to the training of pharmacy students to acquire the educational-qualification degree "Master of Pharmacy" at MU-Varna in the disciplines: social pharmacy and pharmaceutical legislation; pharmacoeconomics; medical

supplies; history of pharmacy; fundamentals of clinical pharmacy; pharmaceutical marketing; assessment of waste technologies; pharmaceutical regulation and economics; development of innovative pharmaceutical products and products. According to the report on his academic workload, he gives lectures, conducts practical exercises, seminars, participates in semester and state examination committees, and the total academic workload exceeds the required study hours, according to the decision of the Academic Council of MU-Varna.

He is the supervisor of one doctoral student, co-supervisor of ten doctoral students, as well as five doctoral students in the process of training in different scientific units - MU-Varna, NCSOHA and MU-Pleven. Associate Professor Grigorov is the supervisor of 13 graduate students (MU-Varna) and 22 continuing studies (MU-Varna).

Under his guidance, 18 students who graduated from MU-Varna prepared their diploma theses.

Assoc. Prof. Grigorov is an author and co-author in the development and continuous updating of the curricula of the subjects taught by him and is a co-author in one textbook "Social Pharmacy and Pharmaceutical Legislation" and three study books. These are extremely large in volume and difficulty, activities that establish him as a leading teacher of pharmacoeconomics and social pharmacy.

My personal impressions and the presented data about the candidate's educational and teaching activities give me reason to confidently assert that Assoc. Prof. Grigorov is a well-rounded teacher with recognized expert competence and realization of the accumulated knowledge, which he implements in the educational process with his students.

Scientific research work

The data from the provided evidentiary material show in relation to the research work that Assoc. Prof. Grigorov fully meets the quantitative criteria defined in the minimum national requirements and the requirements of the Regulations for the conditions and procedures for acquiring scientific degrees and holding academic positions at MU-Varna . The provided reference prepared in the library of MU-Varna shows that he participated in the competition with:

- indicator B4 - 16 scientific publications (referred and indexed), of which 9 publications in journals with IF;
- indicator G7 – 30 publications (referred and indexed);
- indicator G8 – 21 publications (not referenced).

Prof. Grigorov has a serious participation in national (101) and international (22) scientific forums. He has participated in three scientific projects.

The citations reflecting the scientific activity of Prof. Grigorov are 30 from foreign scientific journals and authors (indicator D10).

The scientific indicators of Assoc. Prof. Grigorov's scientific output significantly exceed those required under the Law on the Development of the Academic Staff in the Republic of Bulgaria, the Regulations for its Application and the Regulations of the MU-Varna on the Terms and Procedure for Holding the Academic Position "Professor" and shows that in his scientific development, he has established himself as a recognized, highly cited scientist with a huge scientific output in the field of social pharmacy.

The main scientific contributions of Prof. Grigorov are

Scientific and theoretical

Hospital pharmacy and pharmacotherapy

23 scientific publications fall into this scientific field. Various aspects of hospital pharmacy are explored theoretically and conceptually and developments are presented on the role of the hospital pharmacist in gathering and summarizing scientific information about medicines. The possibilities for rational pharmacotherapy in medical facilities for hospital care for patients with various diseases have been studied. Author data from various studies conducted on the results of the treatment of cardiovascular and neurological diseases are presented. Modern scientific evidence regarding the application of the concept of accelerated recovery after surgery (ERAS) in biliary-hepatic surgery and the related socio-economic consequences are analyzed, as the possibilities for introducing this approach in Bulgaria are presented.

History of Pharmacy

There are 6 scientific publications in this scientific field. They present various studies that aim to trace historical moments and the development over the years of scientists' knowledge of diseases and medicines. A publication is presented that presents the emergence and development of modern hospitals and hospital pharmacies in the Bulgarian lands in the era after the Liberation of Bulgaria from Ottoman rule. Original in its nature is the article, which makes a historical follow-up of the legislative decisions in the Republic of Bulgaria in the field of the regulation of the pharmaceutical market and pharmacy service to the population.

Experimental laboratory studies

There are 7 scientific publications in this scientific field. Author data from various experimental studies are presented. The features of stress-induced analgesia and evaluation of endogenous cannabinoid action are clarified. The possibilities of applying cyclic-mediated isothermal amplification for the

detection of *C. burnetii* in Bulgaria have been analyzed. Data from biopharmaceutical studies of various dosage forms and technology for the development of a pharmaceutical composition with pleasant organoleptic characteristics have been published.

Scientific and applied

Role of the hospital pharmacist in the provision of clinical pharmaceutical services

18 scientific publications fall into this scientific field. Author data from various studies conducted showing the role of hospital pharmacists in providing clinical pharmaceutical services are presented. Several specific clinical cases with contributions to science and practice have been published. Surveys were conducted with different groups of respondents, and the original results were presented to the medical and pharmaceutical community.

Social Pharmacy and Health Technology Assessment

16 scientific publications fall into this scientific field. A survey was conducted to measure satisfaction with the provision of pharmacy services, the results of which show that there is a positive attitude towards expanding pharmacy activities and strengthening and expanding the role of the pharmacist as a provider of health services. Several problems of modern society are explored, such as: misinformation, fake news and the importance of social forums. Author data from several different pharmacoeconomic studies conducted are presented.

The scientific indicators presented by Assoc. Prof. Grigorov for occupying the academic position "professor" in accordance with the Regulations for the implementation of the law on the development of the academic staff in the Republic of Bulgaria and the Regulations for the development of the academic staff of the University of Medicine - Varna exceed them, for example by

indicator B, the minimum is 100 points, against the candidate's 268.5 points. Total according to indicators D 5-9, the minimum is 200 points, against 768.5 for Assoc. Grigorov.

Conclusion

From the analysis of the scientific works, scientific activity, teaching activity, scientific contributions and the evidence for them, it can be concluded that Assoc. Prof. Evgeni Grigorov, PhD, repeatedly exceeds the criteria for awarding the scientific title "Professor". He is an established teacher, with a high reputation in scientific circles, who can serve for scientific research and projects, as well as for the training of young personnel in the field of social pharmacy and, in particular, hospital pharmacy. He convincingly meets the requirements for holding the academic position of "professor", in accordance with the legislation.

Based on all the above facts, documents and circumstances, I allow myself to recommend to the esteemed jury to choose associate professor Evgeni Grigorov as "professor".

16.10.2023.


Prof. Valentina Petkova, DSc, Ph.D

