

WRITTEN OPINION

by **prof. Nikolay Georgiev Lambov, PhD** - lecturer in the Department of "Pharmaceutical technology and biopharmacy" at the Faculty of Pharmacy at MU-Sofia

Subject: Competition for the academic position "**PROFESSOR**" in the specialty "**Hospital pharmacy**" in the field of higher education 7. "**Healthcare and sports**", in the professional field 7.3. "**Pharmacy**" for the needs of the Department of "**Organization and economics of pharmacy**" of the Faculty "**Pharmacy**" at the MU "**Prof. Dr. Paraskev Stoyanov**"-Varna, announced in the "**State Gazette**", no. 54/23.06.2023

Only one candidate participated in the announced competition for the academic position of "**PROFESSOR**" - associate professor Evgeni Evgeniev Grigorov, MScPharm, PhD, from the Department of "Organization and Economics of Pharmacy" of the Faculty of Pharmacy at MU-Varna, for the needs of which he was announced.

By order No. R-109-370/21.08.2023 of the Rector of MU-Varna, I am included in the constitution of the scientific jury, which at its first meeting held on 01.09.2023 decided for me to prepare an opinion.

The submitted set of materials on electronic carrier is **in full compliance** with the legal requirements and Art. 138 of the current Regulations for the development of the academic staff at MU-Varna (last revision 21.11.2022), and the evidences presented does not repeat with the submitted and evaluated ones when acquiring the ESD "doctor" and occupying the academic position "associate professor".

All administrative deadlines for conducting the competition have been met.

Candidate's career profile

Assoc. prof. E. Grigorov was born in 1979 in the city of Sofia. He completed higher pharmaceutical education in 2002 at the Faculty of Pharmacy of MU-Sofia and obtained a **master's degree in "Pharmacy"** (diploma No. 9702 dated 30.01.2003).

Since 2007, he has been successively an assistant, senior and chief assistant professor at the Faculty of Pharmacy at MU-Sofia, and since 2015 he has been an associate professor at the Faculty of Pharmacy at MU-Varna, where he is currently working in this position.

In 2014, E. Grigorov defended his PhD thesis on the scientific specialty "Social medicine and organization of health care and pharmacy" and obtained the **educational and scientific degree "Doctor"** (diploma No. 14/26.09.2014).

Improving his qualifications, assoc. prof. E. Grigorov acquired 5 specialties in "Organization and economics of distribution and pharmacy practice", "Clinical pharmacy", "Economics of healthcare", "Organization and economics of pharmaceutical manufacturing" and "**Hospital pharmacy**" (certificate No. 4731/2022).

In the meantime, he also acquired a master's degree in Health policy and Management of healthcare (NBU, 2005), a bachelor's degree in Finance (UNWE, 2013) and a master's degree in Business logistics (UNWE, 2017).

I have known assoc. prof. E. Grigorov since his student years as an excellent student with a high general culture and intellect. One of the founders and principals of the Students' scientific pharmaceutical society he was always distinguished by extremely high activity and achievements in scientific work and repeated participation in international student scientific events. Since its establishment, he was the leader of the Student Council of MU-Sofia and a long-time representative of the Faculty of Pharmacy in the Executive Committee (then called the Senate).

After his admission to the Faculty of Pharmacy in the city of Sofia, he grew up to be a very good, erudite lecturer and, in my opinion, his teaching work showed a continuous upward development. He always enjoyed deserved authority and respect from his colleagues and students. He took great care in training during academic exercises and organized many extra-curricular practical activities.

The above clearly shows that associate professor Evgeni Grigorov fully meets the requirements of Art. 137 of the current Regulations for the development of the academic staff at MU-Varna for holding the academic position "professor":

- has 16 years and 6 months of academic teaching experience, of which 8 years and 3 months as an associate professor;***
- has obtained a master's degree and a doctoral degree from the same specialty (7.3. "Pharmacy") for which the competition was announced;***
- he held the academic position of "associate professor" at MU-Varna for more than seven years;***
- has a recognized specialty in the healthcare system (such is regulated in Ordinance No. 1 of 22.01.2015 on the acquisition of a specialty in the health care system) in the same specialty of the competition.***

Teaching and learning activity

Assoc. prof. E. Grigorov gives lectures, conducts practical exercises and seminars, and participates in conducting the semester exams in the academic disciplines: "Social pharmacy and Pharmaceutical legislation", "Medical devices", "Pharmacoeconomics", "Fundamentals of Clinical pharmacy", "History of pharmacy" and "Pharmaceutical marketing" of pharmacy students in the Faculty of Pharmacy of the MU-Varna studying in Bulgarian language. Takes part in examination commissions for the State examination in "Social Pharmacy and Pharmaceutical Legislation" in MU-Varna, MU-Pleven, MU-Plovdiv and SU "St. Kliment Ohridski". Under his guidance, these 18 graduates have successfully defended their master's thesis.

The study load of assoc. prof. E. Grigorov during the last 4 academic years is **469 hours**, with the annual norm for MU-Varna of 110 hours. He is the co-author of 1 textbook and 3 teaching handbooks for the disciplines he teaches.

Assoc. prof. E. Grigorov is scientific tutor of 11 PhD students successfully defended their doctoral degree, who obtained the ESD "Doctor", of whom two have already obtained their habilitation and another three have become chief assistants. At the moment, he has taught and supervised 5 ongoing PhD candidates.

Summarizing the educational and teaching activities of assoc. prof. Evgeni Grigorov, I can categorically define him as a well-established and continuously developing teacher who fully meets

the requirements of DASRBA¹, RAADASRB² and the Regulations for the development of the academic staff at MU-Varna for occupying the academic position "Professor ":

- *gives lectures, conducts practical exercises and seminars, and participates in conducting semester and state exams;*
- *has 469 hours of teaching activity for the last 4 academic years;*
- *he was the scientific supervisor of eleven PhD students who successfully defended their doctoral degree.*

Scientific research activity

Assoc. prof. E. Grigorov is a co-author of **70 original articles in scientific journals**, which were not included in his dissertation work and were not used in the acquiring of the academic position of "associate professor". Of these, **46** are in refereed and indexed scientific journals in world databases with scientific information - Scopus and Web of Science, of which **16** are in international scientific journals. The remaining **24** articles were published in non-refereed peer-reviewed journals.

A total of **16** of assoc. prof. E. Grigorov's publications are in journals with an "impact factor" (JCR). His overall «impact factor» of them is 14.1.

A search of the available databases found his citations as follows:

- there are 49 in Scopus;
- there are 46 in Web of Science;
- there are 330 in Google Scholar;
- there are 261 in ResearchGate.

Most of them in leading journals, as evidenced by the very high total impact factor of citations (over **50**).

Assoc. prof. E. Grigorov participated in **22 international and 101 national scientific forums**, and the results of 7 of the presentations were published in journals with an "impact factor" (JCR) according to Clarivate analytics (summed **IF=20,5**).

The total "impact factor" of assoc. prof. Evgeni Grigorov amounts to 34,6.

Assoc. prof. E. Grigorov is a co-author of the monograph "Evaluations of medicinal product therapies - theory and practice", published in 2015 (ISBN 978-954-756-163-2), with two reviewers. The printed edition also presents own research on the application of pharmacoeconomics in the evaluation of the treatment of socially significant diseases by various scientific methods.

The candidate was a participant in **2 national educational projects, 1 national scientific project** (intra-university funded by the "Science" fund of MU-Varna). There is also participation in **2 international scientific projects**.

During the last 5 years, the research work of assoc. prof. E. Grigorov is mainly in the field of the new scientific specialty "Hospital Pharmacy". His main contributions, reflected in scientific publications, represent a significant contribution to pharmaceutical science and practice and can be summarized as follows:

¹ *Development of Academic Staff in the Republic of Bulgaria Act*

² *Regulations for Application of the Act on Development of the Academic Staff in the Republic of Bulgaria*

Scientific-theoretical contributions

- Hospital pharmacy and Pharmacotherapy - various aspects of hospital pharmacy and the role of the hospital pharmacist in gathering and summarizing scientific information about medicines are explored. The possibilities for rational pharmacotherapy in medical establishments for hospital care for patients with various diseases have been studied;
- History of pharmacy - the development over the years of scientists' knowledge of diseases and medicines, as well as the emergence and development of modern hospitals and hospital pharmacies in Bulgaria in the era after the liberation of Bulgaria from Turkish slavery, is traced. Of particular interest are scientific developments for the historical tracking of legislative decisions in the Republic of Bulgaria in the field of pharmaceutical market regulation and pharmacy service to the population;
- Numerous experimental laboratory studies have been conducted in which the features of stress-induced analgesia and evaluation of the action of the endogenous cannabinoid have been clarified;
- Biopharmaceutical studies of various dosage forms and established technology for the development of a pharmaceutical composition with pleasant organoleptic characteristics.

Scientific-applied contributions

- The role of the hospital pharmacist in providing clinical pharmaceutical services is analyzed. Various studies have been conducted that show the role of hospital pharmacists in the activities related to treatment and clinical practice;
- Several HTA studies and various pharmacoeconomic studies with practical application for Bulgaria have been conducted;
- Several problems of modern society are explored, such as: desinformation, fake news and the importance of social forums for collecting ADR;
- Satisfaction with the provision of pharmacy services was studied and a positive attitude towards the expansion of pharmacy activities and strengthening and expanding the role of the pharmacist as a provider of health services was found.

Summary

The scientific indicators of assoc. prof. E. Grigorov significantly exceeds the minimum national requirements specified in the RAADASRB and *Appendix No. 1 of the Regulations for the Development of the Academic Staff at MU-Varna* for occupying the academic position of "professor" in professional direction 7.3. "Pharmacy" - with a minimum number of points of **550**, the candidate has collected **2126,55 points**.

The values of the main groups of indicators are presented in the table:

Group of indicators	RAADASRB	Regulations for the development of the academic staff at MU-Varna	Assoc. prof. Evgeni Grigorov
A (A in bg)	50	50	50
V (B in bg)	100	100	268,5
G (Г in bg)	200	200	808,5
D (Д in bg)	100	100	450,0
E (E in bg)	100	100	549,55
Total points	550	550	2126,55

Summarizing the results of the research work and scientometric indicators of assoc. prof. Evgeni Grigorov, we can make the categorical conclusion that they demonstrate his significant achievements in the field of Hospital pharmacy and fully satisfy the requirements of RAADASRB and the Regulations for the development of the academic staff of MU-Varna for holding the academic position "professor":

- *Has 70 scientific publications, 16 of them in journals with "impact factor" (JCR);*
- *49 (Scopus) and 46 (Web of Science) citations in foreign scientific journals are found;*
- *Has participated in 2 national educational projects;*
- *Has participated in 1 national scientific project;*
- *Has participated in 2 international scientific projects.*

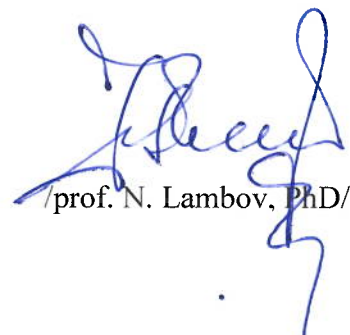
CONCLUSION

As a result of everything stated above, I firmly believe that assoc. prof. Evgeni Grigorov fully meets the conditions under Art. 29 of DASRBA art. 60 of the RAADASRB and Art. 137 of the Regulations for the Development of the Academic Staff of MU-Varna, as well as the minimum national requirements laid down in Art. 26, para. 2 and Art. 2b, para. 2 and 3 of the DASRBA, as well as the Regulations for its application for occupying the academic position "PROFESSOR".

Bearing in mind the pedagogical qualities and skills, the long-term experience in teaching students, as well as the high value of scientific achievements, I firmly believe that associate professor Evgeni Evgeniev Grigorov, PhD, fully meets the requirements for acquiring the academic position "PROFESSOR" in the specialty "Hospital pharmacy" for the needs of the Department of "Organization and economics of pharmacy" at the Faculty of Pharmacy at MU-Varna and I express my full support for his candidacy.

Sofia,
16.10.2023

COMPOSED:


/prof. N. Lambov, PhD/