



Statement

Regarding: competition for the academic position "Associate Professor" in the field of higher education 7. Health care and sports, professional direction 7.4 "Public health", scientific specialty "Social medicine, the organization of health care and pharmacy" for the needs of the Faculty of Public Health and Health care, Prof. Dr. Asen Zlatarov University, Burgas, announced in SG No. 1/02.01.2024 and on the website of "Prof. Dr. Asen Zlatarov" University, Burgas on 03.01.2024.

by Prof. Zlatka Dimitrova Dimitrova, PhD, DSci, Faculty of Chemistry and Pharmacy, SU "St. Kl. Ohridski", Educational and Scientific Laboratory of "Social Pharmacy", Department of Physical Chemistry, member of the Scientific Jury, appointed by Order No. R-81/1.03.2024. of Prof. Hristo Bozov, MD, PhD- Rector of "Prof. Dr. Asen Zlatarov" University, Burgas

In the announced competition, the chief assistant professor Vanya Georgieva, MD, PhD participated as the only candidate. The scientific jury in its meeting on 15.03.2024 at 1 p.m. chose the chairman of the Scientific Jury, the reviewers and decided to admit the candidate to scientific evaluation. My opinion has been drawn up in accordance with the Law on Higher Education in the Republic of Bulgaria, the Law on the Development of the Academic Staff in the Republic of Bulgaria, the Regulations for the Application of the Law on the Development of the Academic Staff and the Regulations on Terms and Conditions for acquiring scientific degrees and occupying academic positions at the University "Prof. Dr. Asen Zlatarov-Burgas, accepted by the Academic Council on 14.03. 2024/protocol No. 11/.

I. Career development of the candidate: Chief assistant professor Vanya Georgieva, MD, PhD was born on 28.01.1978. in the city of Ruse. During the period 1996-2002, she was a student at the Faculty of Medicine at MU-Sofia and graduated in 2002 as a Master of Medicine with excellent results. During the period 2003-2009, she specialized in Neurosurgery at the Medical University of Sofia, University General Hospital for Active Care and Emergency Care "N.I. Pirogov" (UGHACEC) and holds Diploma No. 012382, AC series from 01.01.2009 as a Specialist in Neurosurgery. In the period 2005-2007, she specialized in the Faculty of Public Health at MU-Sofia and graduated in 2007 as a Master in Public Health and Health Management. On 01/08/2016 she successfully defended her dissertation on the topic "PHARMACOECONOMIC EVALUATION OF THE SURGICAL AND ENDOVASCULAR TREATMENT OF BRAIN ANEURYSMS" in front of the SJ in the Faculty of Public Health at the Sofia University and obtained the PhD in the scientific specialty "Social Medicine and Organization of healthcare and pharmacy", professional direction 7.4. Public health, field of higher education 7. Health care and sports (diploma No. 470-Д, MUS No. 561, issued on 18.11.2016), and it is clear that the scientific specialty under the announced competition is the same under which the Educational and Scientific degree "PhD" was acquired. Also impressive is the list of 10 short-term one-month post-graduate trainings on specific problems, an average of 2-3 courses per year in European medical universities during the period 2009-2016 in Greece, Switzerland, the Netherlands, Turkey, France, Austria and 1- in Sofia, Bulgaria. During the entire period of her studies in medicine, during the specializations and including during the doctorate (2001-2018), Vanya Georgieva also worked as an instructor of Cosmetology and Cosmetic Care at the Center for Professional Training Top Beauty, licensed by the National Agency for professional training. After acquiring a specialty in neurosurgery, she worked successively as follows: 2009-2012 - medical doctor in Neurosurgery at the "N.I. Pirogov" UGHACEC, Sofia, 21 Totleben Blvd.; 2012-2022 - medical doctor in Neurosurgery at "SOFIAMED" UGHAC, Sofia, 16 "Doctor G. M. Dimitrov" Blvd.; 2022-continues - medical doctor in Neurology and Neurosurgery at "RAHILA ANGELOVA" General Hospital, Pernik. She is a distinguished specialist with many years of practical experience, research and training activities of specialists in the field of neurosurgery in our country, which is evident from the list of her overall publication activity, which includes 72 scientific works (dissertation work, abstract, monographs,

publications, participation in scientific forums), 1 participation in a international research project as an external expert in BAS and 13 popular scientific publications in the health forum puls.bg.

Her career development as a ass. professor and researcher in the field of Public Health at "Prof. Dr. Asen Zlatarov" University, Burgas includes: After winning a competition, Vanya Bozhidarova Georgieva, MD, PhD, was selected and appointed to the academic position of "Chief Assistant " with ESD "PhD", Diploma 470-D, MUS No. 561, issued on 18.11.2016, in professional direction 7.4 and scientific specialty: Social medicine and organization of health care and pharmacy, at University "Prof. Dr. Asen Zlatarov", Burgas, Faculty of Public Health and Health Care, Department "Organization and Management of Health Care", where she has been working since 2022 and continues until now. She speaks English and German, has good computer skills. She is a member of the Bulgarian Medical Union; the Bulgarian Society of Neurosurgery; and the Bulgarian Stroke Society.

II. Scientific and research activity of the candidate:

The scientific production of chief assistant professor Vanya Bozhidarova Georgieva, MD for participation in the current competition for the academic position of "associate professor" includes: 42 scientific works that are outside the list of publications and reports in connection with the dissertation work for awarding the educational and scientific degree "PhD", distributed as follows:

1. One independent monograph /habilitation thesis/ according to indicator C. 3.1;
2. One book on her dissertation according to indicator D.6.1;
3. Participation in three collective monographs, according to a group of indicators D.9.1., D.9.2. and D9.3;
4. 35 publications according to indicators D.7 and D.8. in full text, of which: 5 independent and 30 in co-authorship /in 15 of them as the first author/, 23 in English, including 10 publications and reports published in scientific publications, referenced and indexed in world-famous databases with scientific information; and 25 publications and reports published in non-refereed peer-reviewed journals or published in edited collective volumes;
5. One university textbook on medical-ethical cases according to indicator E.20.;
6. Participation as an invited external expert with the decision of the BAS team in an international scientific project and participation in co-authorship with foreign and Bulgarian colleagues in 3 reports at scientific conferences on the results of the project. (D.8.19, D.8.20, D.8.22)

The topic of the scientific works of the chief assistant professor Dr. Vanya Georgieva, Ph.D., presented for her participation in the current competition is entirely within the scope of the scientific specialty of the announced competition, in which scientific specialty is also the dissertation work defended by her to obtain the Doctorate of National Academy of Sciences in 2016. on the topic "PHARMACOECONOMIC EVALUATION OF THE SURGICAL AND ENDO VASCULAR TREATMENT OF BRAIN ANEURYSMS."

Her research, in my opinion, is oriented in the following 5 scientific directions:

1. Pharmacoeconomics (according to indicators D.6.1 and D.21)
2. Pharmaceutical marketing (according to indicators C.3.1. and D. 9.1.)
3. Medical ethics and deontology (according to indicators D.7.1., D.7.2., D.7.7., D.7.8., D.8.2, E.21.)
4. Medicine, neurology and neurosurgery (according to indicators D.6.1., D.7.4-D.7.10, D.8.1-D.8.25 and D.9.3)
5. Cosmetics and Phytocosmetics (according to indicators D.9.1 and D.9.2)

Due to the fact that I am a co-author in 2 monographs and 2 publications (D.9.1, D.9.2, D.8.13, D.8.21), a reviewer of two independent monographs of hers (B.3.1 and D.6.1), I will not comment on them and I appreciate in my opinion, because I expressed my attitude in the preface of the monographs as co-authorship and in my reviews that were published in her independent monographs.

However, I definitely want to emphasize that the candidate has 10 scientific publications and reports at international conferences, 8 of which have been published and 2 have been approved and accepted for publication in 2024 in scientific journals with an impact factor, referenced and indexed in world-famous databases with scientific information , and in 6 of them Dr. V. Georgieva is an independent or first

author, which are fully sufficient for her to participate in the current competition for the academic position "Associate Professor". namely:

Г 7.1 Bozhidarova Georgieva V. Clinical ethical consultation in decision making process. *Arch Balk Med Union*. 2023;58(3):279-284. <https://doi.org/10.31688/ABMU.2023.58.3.07> ISSN 1584-9244/ 2558-815X (Online). The journal is indexed in Scopus. **Impact factor 0.125**

<https://umbalk.org/clinical-ethical-consultation-in-decision-making-process/>

Г 7.2 Vanya Bozhidarova Georgieva, MD., Kalina Gocheva Andreevska, PhD, Valentina Boyanova Petkova
Models of ethical decision making in the field of healthcare services - a literature survey. *Acta medica bulgarica*; 2024 Print ISSN: 0324-1750; Online ISSN: 2719-5384

Indexed in : CABI: GlobalHealthDatabase (Web of science), Scopus и EBSCO **Impact factor 0.217**

Г 7.3 Nikolova E. V., Georgieva, V. B. (2024). On the Traveling Wave Solutions of the Fractional Diffusive Predator—Prey System Incorporating an Allee Effect. In A. Slavova (ed.), *New Trends in the Applications of Differential Equations in Sciences*, Springer Proceedings in Mathematics & Statistics, 449 ISSN 2194-1009; E-ISSN 2194-1017 https://doi.org/10.1007/978-3-031-53212-2_24 Scopus

Г 7.4 Bozhidarova Georgieva V. Alcoholic myelopathy - contribution of a clinical case from practice. *Bulgarian Medical Journal*, 2024 / *Balgarski meditsinski jurnal* - ISSN: 1313-1516

The journal is indexed in CABI: GlobalHealthDatabase (Web of science) и EBSCO

Г 7.5 Goranova-Marinova V, Grekova D, Georgieva V, Andreevska K, Gvozdeva Y, Kassarova M, Grudeva-Popova Z (2023) Analysis of the pharmacotherapeutic effectiveness of the tyrosine kinase inhibitors therapy in patients with Chronic Myeloid Leukemia in a single hematology center in Plovdiv, Bulgaria. *Pharmacia* 70(4): 1355-1362. The journal is indexed in Scopus. **Impact Factor 1.1**

<https://pharmacia.pensoft.net/article/111923/>

Г 7.6 V. Georgieva, E. Krastev, S. Byulbyuleva: Extracranial- Intracranial high flow bypass for giant ruptured paraclinoid aneurysm with concomitant bilateral carotid artery stenotic dissection. 2018. *World Neurosurgery* 117, 265-270. ISSN 1878-8750. Indexed in the following: Scopus, Web of science

<https://pubmed.ncbi.nlm.nih.gov/29936212/> **Impact factor 2.21**

Г 7.7 Bozhidarova Georgieva V. Major ethical issues in the context of COVID-19 pandemic. *Arch Balk Med Union*. 2021;56(3):358-362. <https://doi.org/10.31688/ABMU.2021.56.3.10>. ISSN 1584-9244 (Print)/ 2558-815X (Online).

The journal is indexed in Scopus. **Impact factor 0.125**

<https://umbalk.org/major-ethical-issues-in-the-context-of-covid-19-pandemic/>

Г 7.8 Bozhidarova Georgieva V. Major ethical issues in the context of COVID-19 pandemic. *Archives of the Balkan medical union, The 23 rd Balkan medical days: The Balkan Medicine during the Covid 19 pandemy. 1-2 Oct 2021, S64. Vol. 56, Supplement 1. October 2021* Print: ISSN 1584-9244 ISSN-L 1584-9244 Online: ISSN 2558-815X.

The journal is indexed in Scopus **Impact factor 0.125**

<https://umbalk.org/wp-content/uploads/2021/10/BOOK-OF-ABSTRACTS.pdf>

Г 7.9 Р. Икономов, Е. Кръстев, В. Хинкова, В. Георгиева: Диагностично и терапевтично поведение при енцефалопатия на Вернике с принос на един слуай. *Медицински преглед*. 51, 2015, №1, стр. 41-44. ISSN: 1312-2193 **Impact factor 0.1**

Списанието се обработва в БД БЪЛГАРСКА МЕДИЦИНСКА ЛИТЕРАТУРА и в БД CABI: Global Health Database (Web of science)

Г 7.10 Т. Bizheva, D.Lubenova, V.Georgieva: Influences of physiotherapy on quality of life in patients with degenerative spinal diseases after surgery. *Neurosonology and cerebral hemodynamics*. First national congress with international participation. Volume XI, number 2, 2015, p.115. ISSN 1312-6431.

The journal is indexed in the following: Web of Science **Impact factor 0.1** provided by Web of Science https://firebasestorage.googleapis.com/v0/b/neurosonology-journal.appspot.com/o/issues%2Ftoc%2F1312-6431_2015_11_2_toc.pdf?alt=media&token=410305a4-f6b4-431f-aebf-846b24308.

The results of her research are reflected in her numerous publications, reports presented at scientific conferences in our country and abroad (Venice, Italy 2017, Zurich, Switzerland, 2020, Prague, Czech Republic 2021, etc.) and in several monographs - independent or in co-authorship, but with a clearly outlined personal contribution of the candidate in the current competition. The citation report shows 8 citations of her works by foreign collectives in high impact scientific journals, referenced and indexed in the world databases of scientific information, and 1 citation in peer-reviewed monographs and peer-reviewed collective volumes, and 1 citation in thesis, which is not graded, which is a very good certificate for such a young researcher. Her personal impact factor has not been calculated.

I fully accept the author's reference for the contributions of her scientific research in a scientific theoretical and applied aspect, as it was prepared precisely and with high professional competence - a brief description of each scientific direction is given (marketing entered our country with the beginning of the transition from a centralized to a market economy, i.e. after 1990, and pharmacoeconomics is a completely new scientific field in the world, which has been developing rapidly in the USA and Europe since the end of the last century, including the new MPs), its contributions are presented for each scientific field, not for each publication.

III. Educational activity, development and updating of curricula for the academic disciplines taught by her, scientific guidance and practical training of doctors, specialists in neurosurgery in the university hospitals, where she also worked as an expert.

V. Georgieva, MD has 18 years of teaching experience as a teacher of Cosmetics and Cosmetic Care at Top Beauty Professional Training Center, licensed by the National Agency for Professional Training and is the author of the curriculum. She presented documents for the practical training of 2 medical doctors specializing in neurosurgery at UMBAL Sofamed / Stefka Kostadinova Byulbileva, MD 2018-2021 and Tsvetelina Venelinova Markova, MD 2021-2022/, and both included in publications of conducted joint studies. As the chief assistant with the educational and scientific degree "PhD" in the Department of Health Care Organization and Management in the Faculty of Public Health and Health Care, Vanya Georgieva, MD, PhD conducts lectures and seminars for students from the "Health Management" specialty, EQD "Bachelor" and EQD "Master" in the disciplines: 1. "Pharmacoeconomics" - lectures and seminars; 2. "Medical ethics and deontology" - seminars; and 3. "General and medical sociology" - seminars. The assessment of her colleagues from the department and her students is high regarding the quality of teaching, the presentations for the lecture course on pharmacoeconomics, prepared on the basis of the textbook on Basics of pharmacoeconomics/ with authors Prof. Karen Rascati from the USA, Prof. Zlatka Dimitrova and Prof. Dr. Emil Hristov from SU "St. Kl. Ohridski"/ and the well-prepared tasks and case studies for the seminar classes in the three disciplines. For the relatively short period of time as ass. prof. in the Faculty of of public health and health care at the University "prof. Dr. As. Zlatarov", Burgas Chief Assistant Professor V. Georgieva develops and publishes an independent study guide to ensure the training of students in Medical Ethics: V. Georgieva: Medicoetic and deontological cases. A practical guide for students of public health and health care. University "Prof. Dr. Asen Zlatarov", Burgas, 2023, ISBN 978-619-7559-54-5 (according to indicator E 20.1).

The candidate is a distinguished researcher in the field of her two educational qualification degrees - **Master of Medicine with medical specialty in neurosurgery** and **Master of Public Health and Health Management with ESD "PhD"**, teacher, sought-after and respected expert, incl. from collaborators at BAS, where she was involved as an external expert in her medical specialty in an international scientific project. (according to indicator E.17).

My personal impressions of the candidate are excellent. I know her as a highly competent and correct researcher who possesses deep theoretical knowledge of the scientific specialty and abilities for independent scientific research. In addition, she has the speaking skills of an established lecturer in the field of Public Health and Health Care, and I am fully convinced that after her habilitation as an Associate Professor, she will involve her students and PHD students in research and implementation of scientific

projects. If no less than 450 points are required, the presented scientific production of the chief assistant Vanya Georgieva, MD, PhD in her Report on the fulfillment of the minimum requirements specified in Appendix one of the Regulations for the conditions for acquiring scientific degrees and holding academic positions at the University "Prof. Dr. As. Zlatarov"-Burgas corresponds to 1059.5 points, exceeding more than twice the minimum requirements in general, but also several times in some groups of indicators. (G, D and E).

Conclusion. Based on the analysis I made, set out above, I give my positive assessment of the research, teaching and expert activity of the candidate in the current competition. I believe that Chief Assistant Professor Vanya Georgieva, MD, PhD, is a well-built and very responsible teacher who is respected by colleagues and students and is an established researcher and far exceeds the minimum requirements for holding the academic position "Associate Professor", established by the Law on the Development of the Academic Staff in Republic of Bulgaria (LDASRB), the Regulations for the Application of the Law on the Development of the Academic Staff (RALDAS) and the Regulations for the Conditions for Acquiring Scientific Degrees and Holding Academic Positions at the University "Prof. Dr. As. Zlatarov"-Burgas. Fully convinced I recommended to the members of the the Scientific Jury and the Faculty Council of the Faculty of Public Health and Health Care at the University "Prof. Dr. As. Zlatarov"-Burgas to vote for awarding the academic position of "Associate Professor" to the Chief Assistant Professor Vanya Bozhidarova Georgieva, MD, PhD in the field of higher education 7. Health care and sports, professional direction 7.4 Public health, scientific specialty "Social medicine, the organization of health care and pharmacy", for which I personally will vote "Yes. "

15.04.2024
Sofia

Signature:
/ Prof. Zlatka Dimitrova, PhD, DSc /