

TO
Prof. Dr. Anna Tolekova, Ph.D.
Chairman of the Scientific Jury
to conduct a competition for
holding the academic position of "**Associate Professor**"
in "Pharmacoeconomics and Pharmaceutical Regulation"

OPINION

by Assoc. Prof. Dr. Galya Tsvetanova Stavreva-Marinova, MD,
Department of Pharmacology and Toxicology,
Medical University - Pleven

ABOUT a competition for the academic position of "Associate Professor" in the field of higher education 7. Health and Sports, Professional field 7.3. Pharmacy, in "Pharmacoeconomics and Pharmaceutical Regulation" for the needs of the specialty "Assistant Pharmacist", Medical College, Thracian University - Stara Zagora, announced in SG No. 61 / 10.07.2020.

I present this opinion in my capacity as a member of the Scientific Jury, according to the Order of the Rector of the Thracian University (№ 2754 / 20.10.2020) and the decision of the first meeting of the Scientific Jury of 23.10.2020.

PROCEDURAL MATTERS

The competition for the academic position of "Associate Professor" and the procedure for its holding are based on Art. 2b para 1 and 2 and art. 24 of the Law for development of the academic staff in the Republic of Bulgaria; Art. 1a para 1, art. 2 para. 1, art. 53 and Art. 54 of the Regulations for implementation of LDASRB; Regulations for the development of the academic staff at the Thracian University (2018). I duly received in electronic form the necessary documents and materials in accordance with Art. 78 para. 1 of the Regulations for the development of the academic staff at the Thracian University. The terms and conditions of the procedure for acquiring the academic position of "Associate Professor" are observed and complied with the regulations. The competition is attended by two candidates with acquired ONS "Doctor" in Professional field 7.3. Pharmacy in the specialty "Pharmacoeconomics and Pharmaceutical Regulation":

Master Pharmacist Anna Atanasova Mihailova, Ph.D.

Master Pharmacist Nikolay Mihailov Gerasimov, Ph.D.

I declare that I have no conflict of interest, including co-authorship with the two candidates.

In the Regulations for development of the academic staff at the Thracian University - Stara Zagora and Appendix 8.3. "Minimum national and additional requirements to the scientific and teaching activity of the candidates for obtaining a scientific degree and for holding academic positions in scientific fields and / or professional fields" there are no specific requirements for professional field 7.3. Pharmacy. For this reason, when evaluating the candidates, I will use the minimum national requirements for the scientific and teaching activities of the candidates for the academic position of "associate professor". The fulfillment of the minimum national requirements is a condition for participation in the procedures according to the Law on Environmental Protection.

CANDIDATE MASTER PHARMACIST ANNA ATANASOVA MIHAYLOVA, DF

PROFESSIONAL DEVELOPMENT

In 1995 Anna Mihailova graduated in Rehabilitation at the Medical College, Plovdiv. Acquired 2 bachelor's degrees in Administrative and Health Management at the University of Plovdiv, Plovdiv in 1998 and in Health Care at the Medical University - Plovdiv in 2000. In 2004 she upgraded with a master's degree in Public Health and Health Management at the Medical University - Sofia. Acquired a Master's degree in Pharmacy from the Medical University - Plovdiv, Faculty of Pharmacy in 2008 (diploma № 47 / 26.02.2009). In 2018 she defended her dissertation on the topic: "Epidemiological and pharmaco-economic study of corticosteroid prevention of hyaline membrane disease in premature infants" and acquired ONS "Doctor" (diploma № 2554 / 07.06.2018).

She started her professional development as a rehabilitator at the University Hospital "St. Georgi", Plovdiv. Since 1997 she has been a lecturer at the Medical College, Plovdiv, and after graduating as a master pharmacist she is currently a senior lecturer at the specialty "Assistant Pharmacist", Medical College, Medical University - Plovdiv. Since 2008 she has also been working as a manager of Kanto Pharma EOOD pharmacy.

Senior Lecturer Mihaylova leads lectures and exercises in basic and additional disciplines in the field of "Health Care" for students majoring in "Assistant Pharmacist": Social Pharmacy and Pharmaceutical Legislation, Pharmaceutical Care, Medical Devices, Medical Cosmetics, Good Pharmaceutical Practice and Educational Practice. She leads a research group, undergraduate internship and is a mentor for course projects.

She acquired the specialty "Medical Pedagogy" in 2007 from the Faculty of Public Health, Medical University - Sofia, since 2019 she has been enrolled as a specialist in "Organization and economics of distribution and pharmacy practice." The candidate speaks 3 foreign languages, has organizational, managerial and communication skills, teamwork skills. She has participated in international exchanges under the PHARE program, the European Nursing Module, Erasmus and Erasmus +.

Master Pharmacist Mihailova is a member of the Bulgarian Scientific Society of Pharmacy, the Bulgarian Scientific Society of Public Health, the Union of Scientists in Bulgaria and the Bulgarian Pharmaceutical Union.

ASSESSMENT OF THE IMPLEMENTATION OF THE MINIMUM NATIONAL REQUIREMENTS AND THE SCIENTIFIC PAPERS OF MASTER PHARMACIST ANNA MIKHAYLOVA

Group of indicators A - Dissertation for the award of educational and scientific degree "Doctor", as proof is provided the abstract "Epidemiological and pharmaco-economic study of corticosteroid prophylaxis of hyaline-membrane disease in premature infants", MU - Plovdiv, 2018.

Group of indicators B - Habilitation work (monograph) with sole author Mihailova A. and title "Good pharmaceutical practice in the training of assistant pharmacists", ISBN 978-619-236-208-9, ed. EstPrintBooks, 2020

The title, the content of the publication, the attached evidence of scanned 14 pages, as well as the description made by the author indicate rather that it is intended for the training of student pharmacists. It is described as an author's work in the discipline "Good Pharmaceutical Practice", which is additionally optional in the training of assistant pharmacists and is consistent with the requirements of the qualification characteristics and educational degree that the assistant pharmacist acquires. The publication can be qualified as a textbook, textbook / manual because it does not meet the requirements of the Law on Monographs ("Monograph" is a published scientific publication that contains a complete and comprehensive study of a particular subject, problem or person written by one or several authors adhering to the same view. The monograph is a scientific work that does not repeat or summarize existing knowledge... ..).

The title is not available in Cobiss, the electronic catalog of the National Library "St. St. Cyril and Methodius" or in the depository lists of books for 2020. In the electronic catalog you can make a reference whether a book is a textbook, textbook, monograph, etc. according to the bibliographic description of the publications.

Group of indicators D - master Pharmacist Anna Mihailova presented a list of 11 real publications and one in print, which have a metric score in Scopus and / or Web of science, respectively SJR and IF. These articles bring the candidate **157.1 points**, if they are evaluated according to the formula in the national PPZRASRB, and not according to Annex 8.3 of the Rules of TrU, where there are no criteria for professional field 7.3. A list of 20 articles in medical journals referenced in other databases and 9 publications and reports published in non-refereed journals with scientific review are presented. "Health Economic Estimation of the Costs for Premature Babies with Respiratory Complications" ed. EstPrintBooks, 2020 with co-author N. Puhleva and ISBN 978-619-236-207-2 is a monograph listed in this group of indicators, which also does not appear in Cobiss. The total amount of production points indicated in indicator group D significantly exceeds the minimum required 200 points.

Indicator group E - A list of 39 citations is provided, which carry points above the minimum requirements. No official reference has been presented by the library and the Central Medical Library of MU - Sofia. Two of the citations were found in dissertations, but citations in dissertations are not included in the indicators and are not registered in NACID.

Group of indicators F - senior lecturer Mihaylova collects **121.6 points** from a recognized specialty in "Medical Pedagogy" (Diploma №011 706), participation in projects BG 05M2OP001-2.002-0001 and BG 05M2OP001-2.013-0001 "Student Internships" phase I

and phase II as an academic mentor, training of interns and participation in textbook writing and teaching aids. Intra-university projects are not included in this group of indicators. Group of indicators E is not included in the minimum national requirements for the scientific and teaching activity of the candidates for the academic positions "Associate Professor", but in Thracian University it is required according to the Annexes to the Regulations for development of the academic staff.

OTHER SCIENTIFIC ACTIVITY

Master Pharmacist Mihailova has indicated a list of 13 participations in scientific forums abroad and 34 in events in Bulgaria. She is a participant in the national scientific program "Young scientists and postdoctoral students". Leading researcher of the research project "Application of immunostimulatory methods to improve the quality of life in children from 4 to 7 years of age" (№ NO-07/2020) at MU - Plovdiv.

MAIN SCIENTIFIC CONTRIBUTIONS

Senior lecturer Mihailova presents scientific products in various fields, both in the field of pharmaceutical care and pharmacoeconomics, and in the field of public health, health care and training of medical professionals. Many scientific articles and reports present interdisciplinary research in the fields of neonatology, pharmacy, pharmacoeconomics, as well as drug use and rehabilitation. This speaks of a certain diversity in scientific interests on the one hand, but also of the ability to collaborate, flexibility and work in different teams. The works dedicated to the health economic assessment of the costs for premature babies with respiratory complications, the effectiveness and pharmacoeconomics of prenatal corticosteroid prophylaxis also have a practical aspect in optimizing care for newborns, the risk of premature birth and a sustainable reduction in the economic costs associated with comprehensive health care for premature babies. The significant output related to the training of assistant pharmacists will contribute to increasing the professional competence of students in accordance with the European requirements for improving the quality of education and professional realization of students majoring in "Assistant Pharmacist". The submitted contributions do not indicate which publications and reports are addressed to the respective contributions.

TEACHING ACTIVITY

Senior Lecturer Mihaylova presented a report on the workload for the last 3 school years - 2017-2018, 2018-2019 and 2019-2020. She participates in the training of assistant pharmacists by giving lectures, exercises, internships, conducting of semester and state exams and various forms of extracurricular engagement. She realized study load of 2771.6 hours for the last three school years significantly exceeds the norm in the MC of TrU. Senior Lecturer Mihaylova leads a group, is an academic mentor to students in the project "Student Internships - Phase 1 and Phase 2 of OPNOIR.

CANDIDATE MASTER PHARMACIST NIKOLAY MIHAYLOV GERASIMOV, DF

PROFESSIONAL DEVELOPMENT

Master Pharmacist Nikolay Gerasimov obtained a Master's degree in Pharmacy from the Medical University - Sofia, Faculty of Pharmacy in 1994 (diploma №011712). In 2016 he defended his dissertation on the topic: "Medical devices in the pharmaceutical nomenclature - legislative and social aspects of their provision in Bulgaria" and acquired ONS "Doctor" (diploma series MIA № 000335).

He started his professional development as a pharmacist in a hospital pharmacy in "MHAT - Dobrich" AD, works as a manager of pharmacies, regional manager and warehouse manager "Maimex" AD, Sofia, is currently a manager of the pharmacy "Subra" Dobrich.

As a part-time assistant he teaches pharmacy students at MU "Prof. Dr. P. Stoyanov", Varna for the period February - July 2013 and students majoring in "nurse" at the College of MU - Varna in Dobrich for the period September 1997 - January 1999.

He has completed a postgraduate specialization "Organization and economics of distribution and pharmacy practice." The candidate speaks 3 foreign languages. He has organizational, managerial and communication skills acquired during his work in large pharmaceutical companies, a hospital and his own business. He has skills for teamwork and fruitful cooperation with colleagues from universities, research institutions, regulatory and medical institutions such as the Faculty of Pharmacy at MU - Sofia, Faculty of Pharmacy at MU - Varna, BDA, BAS and UMBALSM "Pirogov".

Master Pharmacist Gerasimov is a member of the Bulgarian Association of Pharmacoconomics at ISPOR, the Bulgarian Scientific Society of Pharmacy and the Bulgarian Pharmaceutical Union.

ASSESSMENT OF THE IMPLEMENTATION OF THE MINIMUM NATIONAL REQUIREMENTS AND THE SCIENTIFIC PAPERS OF MASTER PHARMACIST NIKOLAI GERASIMOV

Group of indicators A - Dissertation work for awarding the educational and scientific degree "Doctor", as proof is provided the abstract "Medical devices in the pharmaceutical nomenclature - legislative and social aspects of their provision in Bulgaria", MU Sofia, 2016

Group of indicators B - Habilitation work (monograph) with a single author Gerasimov N. and title "Medical devices - legislation and economic aspects", ISBN 978-619-7424-36-2, ed. Eagle Publishing House, Silistra 2020

The title is not available in Cobiss, the electronic catalog of the National Library "St. St. Cyril and Methodius" or in the depository lists of books for 2020.

The title and the content of the monograph direct the publication to group of indicators D - Published book on the basis of a defended dissertation for awarding an educational and scientific degree "Doctor" or for awarding a scientific degree "Doctor of Sciences", and not to group of indicators B as indicated and evaluated by the applicant.

Group of indicators D - master Pharmacist Gerasimov presented a list of 14 real publications, 9 of which were published in scientific journals, referenced and indexed in

world-famous databases with scientific information, bearing 60 / n points and 5 in non-referenced journals with scientific review, bearing 30 / n points. The Journal of Cardiovascular Diseases also appears in the "List of modern Bulgarian scientific journals, referenced and indexed in world-famous databases of scientific information", so that the total number of points that the presented articles carry is not 277.8 but **295.3**.

Group of indicators E - citations bearing **135 points** are indicated, with a minimum of 50 points. A reference, a list of citations and copies of the citations from the Central Medical Library of MU - Sofia are provided. Four citations were found in referenced and indexed in world-famous databases, bearing 60 points (4 x 15 points) and 15 citations, bearing 75 tons (15 x 5 points; 9 in foreign databases and 6 citations in Bulgarian source).).

Group of indicators F - master Pharmacist Gerasimov collects **60 points** from a recognized specialty in "Organization and Economics of Distribution and Pharmacy Practice" (Diploma series AC №007985) and management of state undergraduate internship. Group of indicators E is not included in the minimum national requirements for the scientific and teaching activity of the candidates for the academic positions "Associate Professor", but in Thracian University it is required according to the Annexes to the Regulations for development of the academic staff.

OTHER SCIENTIFIC ACTIVITY

Master Pharmacist Gerasimov has indicated a list of 5 participations in scientific forums in Bulgaria in the period after the acquisition of ONS "Doctor". He participated in the development and implementation of a research project at MU - Sofia: Contract D-82 / 02.05.2017 - "Assessment of the safety of hernial sails by studying their mechanical compatibility with tissues and quality of life of patients." Four of the candidate's articles have been published in SJR journals.

MAIN SCIENTIFIC CONTRIBUTIONS

The scientific interests and contributions from the performed and published research activity of Master Pharmacist Nikolay Gerasimov are focused in the field of Bulgarian and European legislation, regulating the standards and reporting of medical devices, economic and ethical aspects of cost-effective and safe use of hernia sheets, as one of the most commonly used medical devices and medical devices for application of intestinal Gel Levodopa + Carbidopa.

The researches in the field of the therapy of socially significant diseases are also a significant contribution. The research of the advantages and disadvantages of the treatment of cardiovascular diseases with fixed dose combinations and clarification of the approaches for reimbursement and optimization of their therapy, as well as the economic weight and the existing clinical practice in the use of drugs for COPD control are of a contributing nature.

TEACHING ACTIVITY

Master Pharmacist Nikolay Gerasimov has worked as a part-time lecturer at the Department of Pharmaceutical Sciences, MU "Prof. Dr. P. Stoyanov ", Varna for the

academic year 2012-2013. He has taught Medical Devices (150 hours) and Pharmaceutical Care (120 hours) to students majoring in Pharmacy. In the period September 1997 - January 1999 as a part-time assistant he taught pharmacology to students majoring in "nurse" at the college at MU - Varna in Dobrich.

CONCLUSION

Based on the analysis of the materials provided to me and the complex assessment of the research activity, as well as of the teaching work, I can state that:

The candidate master Pharmacist Anna Mihailova is a well-established lecturer with more than 23 years of experience working with students, as well as experience in managing a pharmacy. Her research interests are not only related to pharmaceutical regulation and pharmacoeconomic evaluation of medicinal products and therapeutic approaches, but also to the field of clinical medicine, neonatology and modern teaching methodology. She has serious expert potential, ambition, communication, creativity and initiative. She has significant scientific production, articles and reports in scientific journals, as well as participation in writing books (monographs, textbooks). It has unconvincingly presented its scientific production by groups of indicators for assessment of compliance with national scientific metric requirements (especially in group B).

The candidate master Pharmacist Nikolay Gerasimov is a specialist pharmacist with significant practical experience, interest and opportunities for quality research, with competence in European and Bulgarian pharmaceutical legislation, pharmacoeconomics, pharmaceutical marketing, use and safety of medicines and medical devices. From the performed research and teaching work it can be concluded that he has teamwork skills and fruitful cooperation with colleagues from universities, research institutions, regulatory and medical institutions. An edition in group B is incorrectly indicated in the reference for compliance with the national scientific metric requirements.

Based on a detailed acquaintance with the submitted reports for the implementation of the minimum national requirements, the evidence by groups of indicators and analysis of the materials provided to me, I declare that I do not accept the publications of Group B - Habilitation work (monograph). As a member of the Scientific Jury, according to art. 2 b, para. 2 and para. 3 of ZRASRB and Art. 2 para. 2 of PPZRASRB my assessment is that the minimum national requirements in group B are not met. This gives me reason not to support the selection of any of the two candidates in a competition for the academic position of "Associate Professor" in Higher Education 7. Healthcare and sports, Professional field 7.3. Pharmacy, in "Pharmacoeconomics and Pharmaceutical Regulation" for the needs of the specialty "Assistant Pharmacist", Medical College, Thracian University - Stara Zagora, announced in SG No. 61 / 10.07.2020.

Pleven

18.12.2020

Prepared the opinion:

/ Assoc. Dr. Galya Stavreva-Marinova, MD/