

OPINION

from

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**Member of a scientific jury for conducting 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 the scientific specialty "Pharmacoeconomics and Pharmaceutical Regulation", for the needs of the specialty "Assistant Pharmacist" at the Medical College, at the Thracian University - Stara Zagora
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I. Competition procedure

According to a decision of the Committee on Documents, two candidates were admitted to the competition with one announced position of 0.5 staff. My opinion on the research and teaching activities of the two candidates is presented separately for each in alphabetical order of the surname - master pharmacist Nikolai Mikhailov Gerasimov, Ph.D. and master pharmacist Anna Atanasova Mikhailova, Ph.D.

II. General and biographical data for the candidates

Nikolai Gerasimov

Nikolay Gerasimov graduated from the Faculty of Pharmacy - Sofia in 1994 with a degree in pharmacy. Consecutively works as a master pharmacist in: hospital pharmacy in "MHAT-Dobrich" AD, manager of a 24-hour pharmacy - "Aesculapius" Ltd., Dobrich, regional manager and warehouse manager for TE - "Maimex" AD, Sofia, manager of pharmacy - "Sveti Duh-Eshua" EOOD, Dobrich, manager of pharmacy - "Chernevapharm" EOOD, Varna, master pharmacist in pharmacy "NovaMed" OOD, Varna. Since October 2016, he has been the manager of Subra Pharmacy in Dobrich. From September 1997 to the end of January 1999 he was a part-time assistant in pharmacology at the Medical College at MU-Varna in Dobrich, where he taught students in the specialty "nurse". During the summer semester of the academic year 2012/2013 he was a part-time lecturer at the Department of Pharmaceutical Sciences at the Faculty of Pharmacy at MU-Varna, where he leads exercises and lectures for students of pharmacy. In 2016 he obtained the educational and scientific degree of Doctor of Pharmacoeconomics and Pharmaceutical Regulation on the topic: "Medical devices in the pharmaceutical nomenclature - legislative and social aspects of their provision in Bulgaria" at the Faculty of Pharmacy at MU-Sofia. He has acquired a specialty in "Organization and Economics of Distribution and Pharmacy Practice" at the Faculty of Pharmacy at MU-Sofia. Fluent in written and spoken English, German and Russian language-level C1. He is a member of the following scientific and professional organizations: Bulgarian Scientific Society of Pharmacy, Bulgarian Association of Pharmacoeconomics at ISPOR, Bulgarian Pharmaceutical Union.

Anna Mikhailova

Anna Mihailova was born in 1975. She graduated from high school in 1992 at Patriarch Evtimiy High School in Plovdiv, English class. In 1995 he graduated from the

Medical College in Plovdiv, majoring in rehabilitation. During the period 1996 - 1997 she worked as a rehabilitator at the University Hospital "St. Georgi ", Plovdiv. From 1997 until now she has started her academic career at the Medical College at the Medical University - Plovdiv, where she has a basic employment contract, first as a lecturer and then as a senior lecturer. In 1998 she graduated with a bachelor's degree in "Administrative and Health Management" and in 2000 with a bachelor's degree in Health Care. In 2004 she completed a master's degree in Public Health and Health Management at the Faculty of Public Health at MU-Sofia. In 2009 she graduated in pharmacy at the Faculty of Pharmacy of MU-Plovdiv. In 2018 she defended a dissertation for the educational and scientific degree of Doctor of Pharmacoconomics and Pharmaceutical Regulation on the topic: "Epidemiological and pharmaco-economic study of corticosteroid prevention of hyaline membrane disease in premature infants" at the Faculty of Pharmacy of MU-Plovdiv. She has a degree in Medical Pedagogy. She is currently enrolled in the specialty "Organization and Economics of Distribution and Pharmacy Practice" at the Faculty of Pharmacy of MU-Plovdiv. Since 2008 and currently Anna Mihaylova has a management contract with a pharmacy "Kanto Pharma" EOOD, performing the position of "pharmacy manager", which raises questions about how the requirements of the Law on Medicinal Products in Human Medicine are met.

Fluent in written and spoken English - level C1, as well as Italian and Russian - spoken. She is a member of scientific and professional organizations, such as: Bulgarian Scientific Society of Pharmacy, Bulgarian Scientific Society of Public Health, Union of Scientists in Bulgaria and Bulgarian Pharmaceutical Union. Anna Mihailova has participated in several international exchange programs of PHARE, European Nursing Module, Erasmus and Erasmus +, and has also been an academic mentor on the Phase 1 and Phase 2 Student Internships project, funded by the Operational Program "Science and Education for smart growth 2014-2020 "

III. Evaluation of scientific works and scientific activity

Monographs

Nikolai Gerasimov

Nikolay Gerasimov is the author of an independent monograph on the topic: "Medical devices - legislation and economic aspects", which is a logical continuation of the candidate's dissertation. The presented monograph is divided into 4 parts, and in the first two sections a critical analysis of the legislation in the field of medical devices at European and national level is made, as well as a comparative analysis of the legislation in the EU and outside the Union. A number of pharmaco-economic studies related to the use of medical devices on patients with Parkinson's have also been considered. It is noteworthy that the latest changes in the legislation of medical devices at European level have been analyzed, as well as the challenges for market development in the crisis of the COVID 19 pandemic. I truly believe that the given monograph responds to the requirements of the LDASRB.

Anna Mikhailova

Anna Mihailova presented a separate monograph on "Good pharmaceutical practice in the training of assistant pharmacists", which is divided into three parts. The work is dedicated to the Good Pharmaceutical Practice and evaluation of the training of assistant pharmacists,

who can choose this discipline as freely elective at MU-Plovdiv. It would be difficult to assess the originality of the monograph due to the fact that it is not presented in full.

As part of the documentation, a joint monograph on "Health and economic assessment of the costs of premature babies with respiratory complications" was presented, co-authored by Dr. Nikoleta Parahuleva, MD. There is no separation protocol for co-authorship for this monograph, and again it is not presented in full, which gives me a reason not to accept it.

Scientific publications

Nikolai Gerasimov

Nikolay Gerasimov participated in the competition with 16 publications, of which 14 were published and 2 were in editing. A reference from CMB at the Medical University - Sofia is presented, as well as data from the public register of NACID, according to which 9 of the publications are referenced by Scopus, and 5 are in non-referenced journals. All submitted publications of the candidate are in the field of pharmaceutical regulation and pharmacoconomics, and fully correspond to the field of the competition.

Nikolay Gerasimov has participated in a scientific project on "Assessment of the safety of hernia sheets by studying their mechanical compatibility with tissues and quality of life of patients", as well as participation in a total of 5 scientific congresses and conferences.

Evidence is presented for 4 citations in referenced and indexed in world-famous databases, 9 citations in other foreign databases, as well as 6 citations in Bulgarian sources, according to a reference from CMB.

I would like to pay special attention to the careful and correct presentation of the documents in the competition, in accordance with national requirements, which is also an indicator of the qualities of the candidate.

Anna Mikhailova

Anna Mihailova participated in the competition with 41 publications. In the List of scientific papers submitted to the procedure, it is noteworthy that publications related to the defense of the candidate's dissertation are included and it is not correct to present them in the present procedure. These are the following three publications:

1. Mihaylova A, Uchicova E, Parahuleva N, Gueorguiev S, Use of corticosteroids to prevent complications in preterm birth, PHARMACIA., vol. 63, No.4 p. 42-51, 2016 ISSN 0428-0296.
2. Mihaylova A, Gueorguiev S, Parahuleva N, Karaslavova E, Sandeva M, Petkova-Gueorguieva E, Ivanova S, Ivanov K, Uchicova E, Frequency of HMD in preterm newborns after prenatal corticosteroid therapy, Biomed Res 2018, Volume 29, issue 6, p.1115-1119.
3. Mihaylova A, Uchicova E, Parahuleva N, Parahuleva M, Prevention of hyaline membrane disease (hmd) in Preterm infants, World journal of pharmacy and pharmaceutical sciences, Volume 5, Issue 4, 09-16. 2016, Review Article ISSN 2278 - 4357.

Upon reference to the publications submitted for the competition by Anna Mihaylova, I found other inaccuracies. For 6 of the presented publications with impact factor, there is no such, according to a reference made by the Central Library of TU. Also, during a search in the

scientific database, no publications were found, for which the candidate indicated that they were referred there.

For the purposes of this competition, I consider that only publications in the field of pharmaceutical regulation and pharmacoconomics should be included and evaluated, namely the following:

1. Mihaylova A, Uchicova E, Parahuleva N, Gueorguiev S. Use of corticosteroids to prevent complications in preterm birth, PHARMACIA, vol. 63, No.4 p. 42-51, 2016 ISSN 0428-0296.
2. Petkova-Gueorguieva ES, Getov IN, Ivanov KV, Ivanova SD, Gueorguiev SR, Getova VI, Mihaylova AA, Madzharov V G, Staynova R. Regulatory Requirements for Food Supplements in the European Union and Bulgaria. 2 018 Folia medica 60 (4): 95-101.
3. Mihaylova A, Uchikov P, Uchikova E, Buttigieg G. A study of the pulmonary complications of preterm infants after prenatal corticosteroids prophylaxis in a major Bulgarian hospital, Malta Medical Journal, Vol. 31, Issue 03, pp.17-23.
4. Mihaylova A, Kasnakova P, Gueorguiev S, Petkova-Gueorguieva E, Peikova L. Cost analysis of neonates after prenatal corticosteroid prophylaxis of Respiratory Distress Syndrome. 2020, Pharmacia 67 (4): 209-214.
5. Kristina Kilova, Anna Mihaylova, Lili Peykova. Opportunities of information communication technologies for providing pharmaceutical care in the COVID-19 pandemic. Pharmacia (in press).
6. Mihaylova A, Uchikov P, Staynova R. Study the opinion of pharmacy students on electronic learning. Knowledge Management, 2018 26 (2): 565-568, ISSN 1857-923X.
7. Mihaylova A, Hadzhieva B. Career Prospects of Assistant Pharmacist Graduates of Plovdiv Medical University Bulgaria - In The Past and Present. European Scientific Institute Proceeding, ISBN 978-608-4642-73-2, ESI, 2020, p.26-32.
8. Dimov X, Mihailova A, Mihailova K. Study of the prophylactic and therapeutic effect of the product "Sanar". Science & Technologies Volume II; Number 1; 2012: Medicine.
9. Mihailova A, Hadjieva B, Koleva N, Koleva P. The prophylactic and curative effect of Resveratrol in wine therapy. Science & Technologies Volume II; Number 1; 2012: Medicine.
10. Koleva P, Koleva N, Hadjieva B, Mihailova A. Nutritional supplements - reliable sources for informing the consumer. Science & Technologies Volume III; Number 1; 2013: Medicine.
11. Koleva P, Mihailova A, Hadjieva B, Koleva N. The need for pharmaceutical care in advising the patient on the intake of food supplements. Science & Technologies Volume VI; Number 1; 2014: Medicine.
12. B Hadjieva, Mihailova A, Koleva P, Koleva N. Project "Student Internships" - motivation and opportunities for development of professional skills in students assistant pharmacists. Management and education. Volume XI (5) 2015.
13. Petkova EG, Papanov SI, Mihaylova AA, Ivanov IG. Individual work and the attitude of students. International scientific periodical journal "THE UNITY OF SCIENCE", Vol. Dec2019 / Jan2020, p.55-58.

14. Dimov X, Mihailova A, Koleva P. Study of the prophylactic and therapeutic effect of the product "Provital". Yearbook Union of Scientists Blagoevgrad, Volume 6, Part 2, 2012
15. Mihailova A, Petkova-Georgieva E, Koleva P, Staynova R. Analysis of the costs for therapy in premature children with respiratory complications, Collection of scientific communications Science and Youth - Plovdiv Medical University, p.169-175, 2018 ISSN 1314- 9229.
16. Stoyanova B, Staynova R, Petkova-Georgieva E, Mihailova A, Safe and rational drug use during pregnancy: the role of the pharmacist. Collection of scientific communications Science and Youth - Plovdiv Medical University, p.86-90, 2018. ISSN 1314-9229.
17. Kilova K, Mihailova A, Ganchev G. Application of information and communication technologies in pharmaceutical care (review). Collection of reports of USB Plovdiv (in press).
18. Mikhailova A, Kasnakova P, Hadzhieva B, Argilashki D. Stress in the work of the pharmacist in a COVID 19 pandemic. Collection of reports of USB Plovdiv (in press).

The total number of points from the above publications is 183, 67 points.

Anna Mihailova has participated in the writing of a published textbook on medical devices, and in 3 textbooks.

When inquiring about the citations, 3 citations were found in refereed scientific journals, and 15 in non-refereed, of which 3 citations in monographs and 2 citations in scientific theses.

Anna Mihailova has participated in 3 projects, of which only one is scientific, funded by MU-Plovdiv, on the topic "- Application of immunostimulatory methods to improve the quality of life in children from 4 to 7 years of age", in which she is leading Explorer. In the other two projects, the candidate was an academic mentor to students in a project - "Student Internships", funded by the program - "Science and Education for Smart Growth 2014-2020" of the MES, which I believe is not participation in a research project.

Information was provided for participation in 34 national and international forums, in the field of pharmaceutical regulation, training of assistant pharmacists, as well as a large part in the field of rehabilitation, obstetrics and gynecology.

In conclusion, I believe that the scientific development of Anna Mihailova is in many different areas, as well as those that are not related to pharmaceutical regulation, without underestimating her scientific achievements in the relevant fields.

IV. Evaluation of teaching activity

Nikolai Gerasimov

Nikolay Gerasimov was a part-time lecturer at the Medical College at MU-Varna in Dobrich, where he taught pharmacology to students majoring in nursing, as well as to the Department of Pharmaceutical Sciences in the Pharmacists Faculty at the Medical University of Varna, where he gave exercises and lectures to students of pharmacy. He was also the head of the undergraduate internship for 5th year pharmacy students in 2018 and 2019.

Anna Mikhailova

Anna Mihailova teaches assistant pharmacists, and according to the information provided for the last three school years, she has a total of 300 hours of practical exercises, 1435 hours of internship, 661 hours of participation in exams. In the academic year 2019/2020 she also gave lectures to assistant pharmacists with a workload of 55 hours.

V. Assessment of the fulfillment of the minimum national requirements of the candidates

Group of indicators	Indicator	Points required for Associate Professor	Achieved by the candidate Nikolay Gerasimov	Achieved by the candidate Anna Mihaylova
A. (indicator 1)	Dissertation work for awarding an educational and scientific degree doctor	50p	50p	50p
C. (indicator 3)	Habilitation work - Monograph	100p	100p	100p
D. (indicators 5 to 9)	7. Publications and reports published in scientific journals, referenced and indexed in world-famous databases of scientific information 8. Publications published in non-refereed journals with scientific review	200p	277.8p	183.67p
E. (indicators 10 to 12)	10. Citation in scientific journals, referenced and indexed in world-famous databases 12. Cited in non-refereed journals with scientific review	50p	135p	155p
F. (indicator 13 to the end)	15. Acquired medical specialty 16. Participation in a national scientific or educational project 20. Published university textbook or textbook used in the school network 21. Published	- - -	40p 15p 0p	0p 15p 13,3p

	university textbook or textbook used in the school network			
	22. Training of interns, postgraduates and doctoral students (seminars and practical classes)	-	0p	8,3p
		-	30p	30p
Total			647.8p	555.27p

Conclusion

Based on the evaluation of the scientific works and activities, and the teaching activity of the two candidates, it can be concluded that Nikolay Gerasimov and Anna Mihaylova exceed the minimum national requirements for holding the academic position "Associate Professor", according to the Regulations for the development of academic composition to LDASRB. The collected number of points of Nikolay Gerasimov is higher than that of Anna Mihailova. Nikolay Gerasimov's scientific contributions are exclusively in the field of pharmaceutical regulation and pharmacoconomics, while with Anna Mihaylova in this field they are less.

For the purposes of this competition, I would like to recommend Nikolay Gerasimov to be ranked first in the competition for the academic position of "Associate Professor" in the scientific specialty "Pharmacoconomics and Pharmaceutical Regulation"; field of higher education 7. Healthcare and sports, professional field 7.3. Pharmacy, scientific specialty "Pharmacoconomics and Pharmaceutical Regulation" for the needs of the specialty "Assistant Pharmacist" - one in 0.5 staff, at the Medical College, Thracian University, Stara Zagora.

14.12.2020

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