

REVIEW

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With reference to:

Contest for the academic position "Associate Professor" in Professional field 7.3 "Pharmacy", Scientific specialty "Social medicine and organization of healthcare and pharmacy" for the needs of the Faculty of Chemistry and Pharmacy, announced in State Gazette No. 20/13.03.2020 г.

1. GENERAL PRESENTATION OF THE PROCEDURE

1.1. LEGAL BASIS OF THE PROCEDURE

The competition for the academic position "Associate Professor" in professional field 7.3 "Pharmacy", scientific specialty "Social medicine and organization of healthcare and pharmacy" for the needs of the Faculty of Chemistry and Pharmacy (FCP), is proposed by the Faculty Council (FC) of the Faculty of Chemistry and Pharmacy with a decision of the Academic Council of Sofia University "St. Kliment Ohridski" was announced in SG no.20/13.03.2020. The deadline for the candidates to submit their applications and accompanying documentation expired on 13.05.2020 but due to the state of emergency introduced in the country was extended until 14.07.2020.

1.2. PARTICIPANTS IN THE COMPETITION

Within the legal deadline only one candidate has submitted application and accompanying documentation for participation in the competition – Chief Assistant Professor Kalina Gocheva Andreevska, PhD.

1.3. ADMISSIBILITY OF CANDIDATES

Pursuant to Art.56 of the Rules for Implementation of the Law on the Development of the Academic Staff in the Republic of Bulgaria and the second subparagraph of Art.109 of the Rules on the Terms and Conditions for Acquisition of Academic Degrees and Occupation of Academic Positions at Sofia University "St. Kliment Ohridski", the Rector of Sofia University "St. Kliment Ohridski" appointed a Committee to review the documents and draw up a Protocol for admission or non-admission of the candidates in the competition.

Pursuant to Art.4 and Art.25 of the Law on the Development of the Academic Staff in the Republic of Bulgaria, the first and second subparagraphs of Art.57 of the Rules for

Implementation of the Law for the Development of the Academic Staff in the Republic of Bulgaria, the first and the third subparagraphs of Art.108 of the Rules on the Terms and Conditions for Acquisition of Academic Degrees and Occupation of Academic Positions in Sofia University "St. Kliment Ohridski "and the decision of the Faculty Council of the Faculty of Chemistry and Pharmacy, Minutes №18 of 08.03.2020, the Rector of Sofia University "St. Kliment Ohridski" issued Order № 38-156/02.04.2020, for the appointment of a Scientific Jury to hold the announced competition.

Within the statutory 3-day period, with the Minutes of 15.07.2020, the Committee of Review of Documents unanimously decided to admit to the competition the sole candidate Chief Assistant Professor Kalina Gocheva Andreevska, PhD and the same candidate has been duly informed thereof.

The first meeting of the Scientific Jury was held on 24.07.2020. The Chairman of the Scientific Jury was elected, two reviewers were appointed, the materials on the competition were distributed to all members and a decision was made in accordance with the first and third subparagraphs of Art.109 of the Rules on the Terms and Conditions for Acquisition of Academic Degrees and Occupation of Academic Positions at Sofia University "St. Kliment Ohridski " - the Scientific Jury to evaluate compliance with the minimum national requirements and the additional requirements and to decide on the admission of the applicant to scientific evaluation till 27.07.2020.

On September 28.07.2020, pursuant to the fifth and sixth subparagraphs of Art.109 in conjunction with the first, third and fifth subparagraphs of the Rules on the Terms and Conditions for Acquisition of Academic Degrees and Occupation of Academic Positions at Sofia University "St. Kliment Ohridski ", the Scientific Jury unanimously agreed that the provided scientific production for participation in the competition by the candidate Chief Assistant Professor Kalina Gocheva Andreevska, PhD, meets the minimum national requirements and the additional requirements of Sofia University "St. Kliment Ohridski "and in accordance with the fourth subparagraph of Art.109 admitted her to scientific evaluation. The applicant notified in writing that has been admitted to the merits of the competition.

2. GENERAL PRESENTATION OF THE CANDIDATE

2.1. BIOGRAPHICAL DATA

Chief Assistant Professor Kalina Gocheva Andreevska, PhD was born on 13.01.1972 in the town of Sredetz, district Burgas. She graduated from the High school of English Language in Burgas. In the period 1991-1994 she obtained the qualification degree "Assistant Pharmacist" from the Medical College "Yordanka Filaretova" at the Medical University of Sofia. During the period 1994 - 2001 studied "Pharmacy" at the Faculty of Pharmacy at the Medical University of Sofia and in 2001 acquired the educational qualification degree

"Master of Pharmacy". During the period 2003 - 2007 specialized in "Organization and economics of wholesales and pharmacy practice" at the Faculty of Pharmacy at the Medical University of Sofia and in 2007 acquired the rights of "Specialist". In 2010 acquired educational and scientific degree "Doctor" in the scientific specialty "Social Medicine and Organization of Health and Pharmacy". In 2016 enrolled in the specialization program "Hospital Pharmacy" at the Faculty of Pharmacy at the Medical University of Plovdiv. The professional career began in 1994 as an assistant pharmacist at the Faculty of Medicine at Medical University of Sofia, then a research associate from 1999 to 2001. At the same time she worked as a medical representative in the pharmaceutical company GSK. From 2001 to 2006 held a similar position in the pharmaceutical company Boeringer Ingelheim, representative office for Bulgaria, and after 2006 held the position of "Product Manager" in the fields of rheumatology, neurology, pulmonology, immune diseases. In 2011 began his academic career at the Faculty of Pharmacy at the Medical University of Plovdiv. She is successively assistant and chief assistant at the Department of Pharmaceutical Sciences. Since June 2018 after competition occupies the academic position "Chief Assistant Professor" at the Educational and Scientific Laboratory "Social Pharmacy" at the Department of Physical Chemistry of the Faculty of Chemistry and Pharmacy, Sofia University "St. Kliment Ohridski".

3. APPLICANT EVALUATION

The evaluation of the applicant was carried out in accordance with the requirements of the first subparagraph of Art.24, the first, second, third and fourth subparagraphs of Art.27 of the Law on the Development of the Academic Staff in the Republic of Bulgaria, the first subparagraph of Art.52 of the Rules for the Implementation of the Law for the Development of the Academic Staff in the Republic of Bulgaria and the first subparagraph of Art.105, and the first subparagraph of Art.121 of the Rules on the Terms and Conditions for Acquisition of Academic Degrees and Occupation of Academic Positions at Sofia University "St. Kliment Ohridski".

The requirements (criteria) under assessment in this review are as follows:

Criterion № 1

Presence of the acquired educational and scientific degree "doctor", which for the specialties of the regulated professions must be in the same specialty

The applicant presents the diploma for degree "Doctor of Philosophy" in professional field 7.3 Pharmacy and scientific specialty "Social medicine and organization of healthcare and pharmacy", issued by the Higher Attestation Commission of the Council of Ministers, based on the defended PhD thesis "Medical, social and economic studies of drug use in patients with chronic obstructive pulmonary disease (COPD)."

Compliance of the applicant's scientific specialty with the scientific specialty in which the competition was announced

There is a full compliance with the scientific specialty in which the competition was announced.

Criterion № 2

No less than two years:

(a) should have held the academic position "assistant professor", "chief assistant professor", or

(b) should have been lecturers, including part-time, or members of a research group at the same or another higher educational institution or scientific organization

The candidate, Chief Assistant Professor Kalina Gocheva Andreevska, PhD, submitted information that since April 2011 she has held consecutive academic positions "Assistant Professor" and "Chief Assistant Professor", respectively in the Department of Pharmaceutical Sciences at the Faculty of Pharmacy at the Medical University of Plovdiv and at the Educational and Scientific Laboratory "Social Pharmacy", at the Department of Physical Chemistry, Faculty of Chemistry and Pharmacy, Sofia University "St. Kliment Ohridski". The evidence includes CVs data, a transcript-extract of the minutes of a meeting of the Faculty Council of the Faculty of Chemistry and Pharmacy, certificates, copies of employment contracts and workbook. Information presented for a total work experience of more than 24 years in the specialty, of which 3 years in the position of "Assistant Professor" and 8 years in the position of "Chief Assistant Professor".

Criterion № 3

The candidate should have been a specialist in real practice and should have proven achievements in their field.

The presented autobiographical data, the information about the professional development and the scientific publications of Chief Assistant Professor Kalina Gocheva Andreevska, PhD, show that she has a sustainable and upward career development in the field of pharmacy. The professional interests are mainly focused on research and introduction of the concept of "Pharmaceutical Care" in the Bulgarian pharmacy practice, she has participated in the development of models for the introduction of pharmaceutical care in various chronic and acute diseases - diabetes, asthma, chronic obstructive pulmonary disease (COPD), arthritis, arterial hypertension, acute coronary syndrome, etc., actively studied the relationship between pharmaceutical care and pharmacoeconomics, she participate of research teams developed and put into practice methods for processing, analysis and evaluation of data on the occurrence of drug-related problems in pharmacy practice, has significant scientific and practical contributions to pharmaceutical marketing and management in COPD and asthma.

Criterion № 4

Present published monograph or equivalent publications in specialized scientific magazine or evidence of relevant artistic achievements in the field of arts, which do not repeat the ones submitted for the “Doctor of Philosophy” degree and for the “Master of Science” degree

The applicant, Chief Assistant Professor Kalina Gocheva Andreevska, PhD, presents scientific production in 3 types of lists, prepared in sections, in accordance with the latest amendments to the Law on the Development of the Academic Staff and the Rules for the Implementation of the Law for the Development of the Academic Staff in the Republic of Bulgaria:

1. List of all scientific production

Habilitation work / monograph - **2 items. 1 independent monograph and 1 co-authored.**

Published chapter of a collective monograph - **2 counts.**

Publications and reports published in scientific journals, referenced and indexed in world-famous databases of scientific information – **23 counts, 11 of the scientific publications are with IF.**

Publications and reports published in non-refereed scientific peer-reviewed journals or in peer-reviewed collective volumes - **100, one scientific paper is in press.**

Textbooks and teaching aids - **10 items.**

2. List of all scientific production unrelated to the PhD thesis

Habilitation work / monograph - **2 items. 1 independent monograph and 1 co-authored.**

Published chapter of a collective monograph - **2 counts.**

Publications and reports published in scientific journals, referenced and indexed in world-famous databases of scientific information – **21 counts. 11 of the scientific publications are with IF.**

Publications and reports published in non-refereed scientific peer-reviewed journals or in peer-reviewed collective volumes - **94, one scientific paper is in press.**

Textbooks and teaching aids - **10 items.**

References for citations from the Central Medical Library of the Medical University of Sofia, which maintains specialized medical databases and data from independent search, are presented. There are **58 citations** on the scientific publication of the candidate, 29 of which are self-citations.

Number of citations for participation in the competition - 29, of which 10 citations in scientific journals, referenced and indexed in world-famous databases with scientific

information, in monographs and collective volumes and **19** citations in non-refereed journals with scientific review.

The publication activity of Ch. Assistant Professor Kalina Gocheva Andreevska, PhD is evenly distributed over the years. The quality and quantity of the scientific production after the defense of the dissertation are independently sufficient to satisfy the requirements for holding the academic position of "Associate Professor".

The applicant's scientific production covers the whole spectrum and subject of the scientific specialty "Social Medicine and Organization of Healthcare and Pharmacy", as conditionally can be divided into the following areas:

- Clinical pharmacy and pharmaceutical care;
- Pharmaceutical marketing and management;
- History of pharmacy;
- Pharmacovigilance;
- Pharmacotherapy of socially significant diseases;
- Regulatory affairs and National drug policy;
- Pharmacoeconomics and others.

The largest share of the scientific interests of Chief Assistant Professor Kalina Gocheva Andreevska, PhD, occupy the areas: pharmaceutical care - 27 publications; researchs on COPD and asthma - 22 publications; pharmaceutical marketing - 19 publications; history of pharmacy - 14 publications.

Chief Assistant Professor Kalina Gocheva Andreevska, PhD shows significant interest in research in COPD and asthma. This interest dates immediately after graduating in Master of Pharmacy, accompanies her entire professional and scientific career, goes through the successful defense of a PhD thesis on the subject and continues to nowadays.

It can be claims definitely that Chief Assistant Professor Kalina Gocheva Andreevska, PhD is one of the most prominent and in-depth researchers of COPD in Bulgaria in the various manifestations of the disease - social, economic, psychological, pharmaceutical care, pharmacotherapy, etc.

Criterion № 5

The applicant shall meet the minimum national requirements under the second and third subparagraphs of Art.2b, respectively of the requirements of the fifth subparagraph of Art.2b of the Law on the Development of Academic Staff in the Republic of Bulgaria

The presented scientific production in terms of quantity and quality exceeds significantly the minimum national requirements for the occupation of the academic position of "Associate

Professor" in the area of higher education 7.0 "Health and Sports", respectively Professional field 7.3 "Pharmacy". The data are presented in table 1.

Table 1

Number and content of indicator	Score
Group of indicators A	
Indicator 1: PhD thesis	50
Group of indicators B	
Indicator 3: Habilitation work / monograph	200
Indicator 4: Habilitation work / monograph or - publications in scientific journals, referenced and indexed in world-famous databases of scientific information (at least 10)	132,6
Total score B	332,6
Group of indicators Γ	
Indicator 7: Publications and reports published in scientific journals, referenced and indexed in world-famous databases of scientific information	171
Indicator 8: Publications and reports published in non-refereed scientific peer-reviewed journals or in peer-reviewed collective volumes	669,3
Indicator 9: Published chapter of a collective monograph	24
Total score Γ	864,3
Group of indicators Δ	
Indicator 10: Citations or reviews in scientific journals, referenced and indexed in world-famous databases of scientific information or in monograph and collective volumes	150
Indicator 12: Citations or reviews in non-refereed scientific peer-reviewed journals	95
Total score Δ	245
Total score	1 491,9

If not less than 400 points are required, the presented scientific production by Chief Assistant Professor Kalina Gocheva Andreevska, PhD corresponds to **1 491,9 points**.

Together with the indicators under group E (which are not required in this procedure) - acquired medical specialty, participation in a national or international scientific project and published university textbook, Chief Assistant Professor Kalina Gocheva Andreevska, PhD collects **1 596,86 points**.

Criterion № 6

There should be no proven plagiarism in scientific works

I do not find information on proven plagiarism in the candidate's scientific works.

Additional criteria

As Chief Assistant Professor Kalina Gocheva Andreevska, PhD is the only one candidate in the competition, it is not necessary to analyze the additional criteria in accordance with the fourth subparagraph of Art.27 of the Law on the Development of the Academic Staff in the Republic of Bulgaria. However I will focus on them as well.

Criteria related to the learning activity:

(a) classroom and extracurricular activities; innovations in teaching methods, provision of occupations in a practical environment outside the higher education institution or scientific organization

The academic load for the period 2018 - 2020 presented properly and correctly. From the individual reports available for that period, it can be seen that the annual workload exceeds the requirements for the academic position of "Chief Assistant". The total annual workload exceeds 400 hours and the classroom - 300 hours.

Chief Assistant Professor Kalina Gocheva Andreevska, PhD participated in the development of the curriculum for teaching of pharmacy students in the disciplines "History of Pharmacy" and „Pharmaceutical care“ in English.

Together with the other members of the Educational and Scientific Laboratory "Social Pharmacy" at the Department of Physical Chemistry she participate in the management and current control of the undergraduate internships of pharmacy students.

(b) work with students and PhD students, including working together with students and PhD students in research and artistic projects

The candidate presented 2 scientific publications in collaboration with students, published in scientific journals, referenced and indexed in world-famous databases with scientific information and 3 scientific publications with students, published in non-refereed journals with scientific review.

There are 8 participations with reports at scientific conferences with students, published in edited collective volumes, 3 of which are reports presented at the VII Congress of Pharmacy with international participation from 21 to 24 November 2019, Rila Hotel, Borovetz.

The candidate presented 14 papers accepted for participation as oral reports and posters for the upcoming III National Students Conference in Pharmaceutical and Chemical Sciences, Sofia, Bulgaria, 2020, after scientific review.

Research-related criteria:**(a) a membership of a credible creative and / or professional organization in the relevant scientific field**

The applicant provided verifiable membership data at professional organizations in the field of pharmacy.

1. Since 2011 - Member of the Balkan Medical Union
2. Since 2016 - Member of the Management Board of Balkan Medical Union
3. Since 2014 - Member of the control group of the Bulgarian Association of Drug Information

(b) applied research findings; inventions and other intellectual property products

The candidate presented data for participation in two scientific projects:

1. Project: Pharmaco-social, pharmacotechnological and pharmacoeconomic study of the treatment of COPD. Contract 36/2013. Lead researcher: Prof. Valentina Boyanova Petkova-Dimitrova, PhD. Members of the research team: Prof. Nikolay Danchev, MD; Assoc. Prof. Milen Dimitrov, PhD; Assoc. Prof. Alexandra Savova, PhD; Assistant Professor Stanislava Yordanova; Assistant Professor Hristina Voycheva; Velislava Georgieva; Elina Petkova; Assoc. Prof. Stanislav Georgiev, PhD; Chief Assistant Kalina Andreevska, PhD; Chief Assistant Maria Dimitrova, PhD. Collection of Abstracts of Research Projects 2012-2013, Medical University of Sofia, p.160.

2. Project BG05M2OP001-2.009-0028 "Achieving the optimal environment for training, research, innovation and sustainable development of human capital in the chemical sciences: Adapting education today for tomorrow" and Project "Study of the system for reporting adverse reactions among pharmacists and patients in Bulgaria 2017" under contract with the University Fund for Scientific Research.

4. CONCLUSION

The submitted documentation for the competition by Chief Assistant Professor Kalina Gocheva Andreevska, PhD fully complies with the requirements of the Law on the Development of Academic Staff in the Republic of Bulgaria, the Rules for the Implementation of the Law on the Development of the Academic Staff in the Republic of Bulgaria and the Rules for the Terms and Conditions for Acquisition of Academic Degrees and Occupation of Academic Positions at Sofia University "St. Kliment Ohridski".

The overall professional and scientific development of Chief Assistant Professor Kalina Gocheva Andreevska, PhD shows that she is a well-established lecturer and respected scientist, has indisputable scientific achievements and authority in academia, has the necessary capacity to work with students, shows respect and collegiality, able and knows how to work in a team.

I will vote "FOR" the occupation of the academic position "Associate Professor" by Chief Assistant Professor Kalina Gocheva Andreevska, PhD.

**25.08.2020
Sofia**

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