

STATEMENT

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Member of Scientific Jury, defined with Order No P-109-319/29.07.2022 of the Rector of Medical University "Prof. D-r Paraskev Stoyanov", Varna

Subject: Award of the academic position of Associate Professor in the field of higher education 7. Healthcare and sport, professional field 7.4. Public health and in scientific specialty "Public Health Management (Analysis of Medicinal Products)" for the needs of the Academic Sector "Pharmacist Assistant", Medical College - Varna, according to an announcement in the State Gazette No 41 from June 03, 2022 .

The current competition for Associate Professor in "**Public Health Management (Analysis of Medicinal Products)**" has been announced in accordance with the Law for the development of the Academic Staff in the Republic of Bulgaria and the Rules for the Development of the Academic Staff. Of the Medical University – Varna. One candidate submitted documents for participation - Chief Assist. Prof. Silvia Georgieva Mihaylova, PhD.

Biographical data

Silvia Mihaylova was born on 03.06.1978 in the city of Varna. In 2003, he graduated as a "Master" majoring in "Pharmacy" at MU-Sofia. In 2017, she was enrolled as a doctoral student in the Department of Chemistry, Faculty of Pharmacy at the University of Varna. The topic of her dissertation is: "Synthesis and biological evaluation of SMAC-NT peptide conjugates with combined antineoplastic and analgesic action", which she successfully defended in 2019 and obtained the educational and scientific degree "doctor" in the specialty "Bioorganic chemistry, chemistry of natural and physiologically organic substances". In 2021, she acquired the specialty "Analysis of Medicinal Products" at the Sofia University.

Silvia Mihaylova held the position of manager of a pharmacy from 2006 to 2013. Since 2013, she has been appointed as an assistant at the Medical University of Varna, and since 2020, and at the present time, she is head. assistant and head of the Academic Sector "Pharmacist's Assistant" at the Medical College at the University of Varna.

General description of the submitted documents for the competition

The documents submitted by the candidate are in accordance with the requirements for participation in a competition under the Law on the Development

of the Academic Staff in the Republic of Bulgaria and the Regulations for the Development of the Academic Staff at the Medical University "Prof. Dr. Paraskev Stoyanov" - Varna. The documents of Chief Assist. Prof. Silvia Mihaylova are in perfect shape.

Evaluation of the candidate's scientific works

✓ General characteristics of scientific production and publication activity

Silvia Mihaylova participated in the competition with a total number of scientific publications as follows:

- Dissertation work "*Synthesis and biological evaluation of SMAC-NT peptide conjugates with combined antineoplastic and analgesic action*" (2019)
- Habilitation thesis - Monograph "*Peptides as medicine*" – 1
- Publications and reports published in scientific publications, referenced and indexed in world-renowned databases of scientific information (Scopus и Web of science) – 5
- Publications in non-refereed peer-reviewed journals or published in edited collective volumes – 16
- Participation in scientific forums – 15, of which 10 participations with reports and 5 participations with posters

✓ Scientific activity - dissemination and application of the candidate's scientific and practical achievements:

The scientific works presented by Ch. Assoc. Prof. Silvia Mihaylova are mostly of a scientific-theoretical, scientific-confirmatory and applied nature. According to the author, they can be summarized in four main scientific directions: Food and nutrition; Oncology and rare diseases; Prevention, management of diseases and health systems; Peptide Chemistry.

The presented contributions are conditionally divided according to the institutional priorities of the Medical University - Varna. In practice, the boundaries between individual studies are not so sharply defined because all peer-reviewed publications are different parts of a whole called public health.

The scientific developments are used in the training of the students of the "Assistant Pharmacist" specialty in the compulsory study subjects "Pharmaceutical Chemistry" and "Social Pharmacy and Pharmaceutical Legislation", as well as in the training in the freely optional subject "Homeopathy". They also find practical application in the direct work of the graduated health professionals - assistant pharmacists, related to their job description.

✓ Participation in the implementation of projects:

Chief Assist. Prof. Silvia Mihaylova participated as a researcher in 2 national and 3 intra-university projects.

Assessment of the scientific monograph submitted for participation in the competition for "Associate Professor" by the applicant.

The main contribution of the monograph consists in expanding the knowledge of the therapeutic effects that can be achieved by various synthetic processes and are associated with certain modifications in the structure of peptides. The situational analysis made shapes the strategic vision for the key role of peptides as an economically effective and safe alternative to modern small molecule drugs. Short peptides may hold the key to future smart therapies.

Citation of the applicant's publications in the national and international literature (publication image).

In order to participate in the competition for "Associate Professor", Silvia Mihaylova has submitted evidence for a total of 13 citations of 10 of the scientific publications in which she is a co-author.

Overall evaluation of the applicant's compliance with the minimum scientometric requirements

According to the criteria for the position "Associate Professor", reflected in the Regulations for the development of the academic staff at the University of Medicine - Varna, the total number of points from the indicators of Silvia Georgieva Mihailova are: **50 points** for Indicator A1 (Dissertation work for awarding an educational and scientific degree "doctor"); **100 points** according to Indicator B3 (Habilitation thesis - monograph); **230.50 points** according to Indicator G5-9; **105 points** according to Indicator D10-12.

In total: 485.50 points of the required 400 points.

Teaching and learning activity

From the teaching experience certificate presented in the documentation, it can be seen that the applicant has 8 years and 7 months of teaching experience. The annual study load for the last 5 academic years (excluding the current one) varies from 687 to 835 study hours, which significantly exceeds the requirements for non-qualified teachers of 324 hours (normative by decision of the AC of MU-Varna).

The academic disciplines supervised by the candidate at the Medical College, "Assistant Pharmacist" Department are as follows: Pharmaceutical chemistry - lectures, laboratory and seminar exercises; Homeopathy – lectures and seminar exercises; Academic practice and pre-graduate internship.

Critical notes and recommendations.

I do not have any critical remarks. Based on her extensive theoretical knowledge and competence, I recommend Silvia Mihaylova to continue publishing papers on trending scientific topics; participating actively at scientific forums, where to disseminate the results of her research in the scientific fields covered so far; enhancing the professional training of medical specialists in the areas she is an expert of.

Conclusion:

The documents submitted by Chief Assistant Professor Silvia Georgieva Mihaylova, PhD prove that the applicant fully meets and exceeds the mandatory and specific requirements and scientometric criteria for the academic position "Associate Professor", adopted in the Act on the Development of the Academic Staff of the Republic of Bulgaria and the additional requirements, according to the Regulations for the development of the academic staff at the Medical University "Prof. Dr. Paraskev Stoyanov" - Varna.

All the aforementioned clear and convincing evidence rules to my positive vote. I suggest to the members of the Scientific Jury to select Chief Assistant Professor Silvia Mihaylova, PhD for the academic position "Associate Professor" in scientific specialty "Public Health Management (Analysis of Medicinal Products)", professional field 7.4. Public health, in the field of higher education 7. Healthcare and sport, for the needs of the Academic Sector "Pharmacist Assistant", Medical College – Varna.

September 23, 2022
Sofia

Member of Scientific Jury:
Assoc. Prof. Romyana Yaneva, PhD

