

WRITTEN OPINION

by prof. Evgeni Evgeniev Grigorov, MScPharm, PhD,
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Faculty of Pharmacy, Medical University "Prof. Dr. P. Stoyanov"-Varna
(Internal member of Scientific jury, according to order №RD-109-116/22.03.2024 of
Prof. Dr. Dimitar Raikov, PhD, DSc - Rector of
Medical University "Prof. Dr. Paraskev Stoyanov"-Varna)

Subject: Competition for the academic position of "Associate Professor" in the specialty "Pharmaceutical Chemistry", professional field 7.3. Pharmacy, field of higher education 7. Healthcare care and sports- one position for the Department of "Pharmaceutical Chemistry", Faculty of Pharmacy (additional requirements: applicants must have ~~obtained~~ a master's degree in "Pharmacy" and a doctorate in "Pharmaceutical Chemistry", recognized specialty "Analysis of medicinal products"), published in SG, no. 7 of 23.01.2024

The only applicant for the announced competition is Senior Assistant Prof. Silvia Yordanova Atanasova-Stamova, MScPharm, PhD

The submitted set of materials on electronic carrier is in full compliance with the legal requirements and Art. 138 of the current Regulations for the development of the academic staff at MU-Varna (last revision 22.04.2024). The evidence presented is not duplicated with the materials submitted and evaluated for the acquisition of the educational and scientific degree "doctor" and the academic position of "chief assistant professor".

All administrative deadlines for the competition have been met.

Evaluation of research activity

For the current competition, Sr. assist prof. Stamova has submitted a total of 24 scientific works, divided as follows:

- o Scientific publications in journals referenced and indexed in world-famous databases with scientific information (SCOPUS and Web of Science) - 11 issues
- o Scientific publications in non-refereed journals with scientific review - 12 issues
- o Monographic (habilitation) work – 1 pc.

The contribution of the candidate Sr. assist prof. Stamova in the publications is significant. According to the summary of her-scientific works, she is an independent or first author (11 works - 61.00%), in 3 works (13.00%) - second author and in 9 (26.00%) - third and subsequent author.

The number of publications in Journal of IMAB, as well as in other specialized scientific journals such as "Scripta Scientifica Pharmaceutica", "Management and education", "Bulgarian Chemical Communication", "Biotechnology & Biotechnological Equipment" makes the scientific work of Sr. assist. prof. S. Stamova accessible not only to the pharmaceutical scientific community, but also to specialists in the field of chemistry, and the wider medical audience at home and abroad.

According to their thematic orientation, the printed articles are divided into 3 (three) main directions:

1. *Synthesis, characterization and biological evaluation of newly synthesized molecules*
2. *Microbiological assessment of various natural substances and natural products*
3. *Prevention and treatment of diseases of different etiology.*

The publications cover the period 2018-2023, which includes 5 active research years. In the presented publications, their scientific practical-applied character is noticeable related to the potential of newly synthesized compounds with a stronger biological effect compared to controls, the evaluation of the antimicrobial potential of natural substances and the search for synergistic interactions between them and various drugs. Research in the field of microbiology contributes to the understanding of the mechanisms of infections and to the development of alternative therapies. The publications reflect the current trends in combating infectious diseases and addressing antimicrobial resistance. Those of them related to various non-infectious diseases provide new scientific knowledge and diagnostic methods that can improve the quality of life of patients and successfully support the healing process.

Sr. assist. prof. S. Stamova has participated in 52 scientific forums and conferences, of which 19 are international abroad, and 33 are national.

The candidate is the author of the monograph "The potential of natural compounds in the management of AMR - *Essential oils - a useful ally in the fight against pathogens*", published in 2023 (ISBN 978-619-221-477-7), with three reviewers. The presented habilitation thesis is dedicated to one of the most relevant topics at the moment, namely the growing global antibiotic resistance, categorized by the WHO among the ten biggest threats to human health. The collected and described data, some of which are based on own research, are presented in a neat and logical sequence. The modern context of the problem is examined in detail, analytically and at the same time critically. The monograph also presents many of the candidate's original results.

Sr. assist. prof. S. Stamova has participated in 7 research projects (six of which are intra-university, financed by the "Science" fund of the MU-Varna).

During the last 5 years, the candidate's research work covers several serious areas in modern pharmacy, medicine, microbiology and health care. The nature of scientific contributions is related to the enrichment of existing knowledge and its potential practical applications. These contributions could be effectively utilized in the education of students of pharmacy, medicine, microbiology, medical cosmetics, specialists, doctoral students and scientists looking for a new source of practical-applied knowledge.

Citations. After a search in the scientific information database SCOPUS for Sr. assist prof. Silvia Stamova, PhD (Scopus Author Identifier 57219267069), 7 citations of her articles in international publications were found.

Compliance with the minimum requirements for occupying the academic position of "associate professor", according to the LDASRB, RILDASRB and the Regulations for the Development of the Academic Staff at MU-Varna.

A group of metrics	Content	Minimum number of points according to national requirements in LDASRB	Regulations for the Development of the Academic Staff at MU-Varna	Senior assist. prof. Silvia Stamova
A	Indicator 1	50	50	50
C	Indicator 3 or 4	100	100	100
D	Sum of metrics from 5 to 9	200	200	230
E	Sum of metrics from 10 to 12	50	50	105
Total points		400	400	485

The scientific indicators of Sr. assist. professor Stamova exceed the minimum national requirements specified in the RILDASRB and Appendix No. 1 of the Regulations for the Development of the Academic Staff at MU-Varna for occupying the academic position of "associate professor" in professional direction 7.3. "Pharmacy" - if the minimum number of points is 400, the candidate has collected 485 points.

Assessment of teaching and learning activities

Sr. assist. prof. Silvia Stamova began her teaching career in 2017 as an assistant in the "Pharmaceutical Chemistry" department of the "Pharmacy" faculty at the Medical University "prof. Dr. Paraskev Stoyanov"-Varna. In 2021, she successfully defended her dissertation and was subsequently selected as a senior assistant in the same department. From 01.06.2021, there is a recognized specialty "Analysis of medicinal products". According to her academic workload report, for the previous 5 (five) academic years, her total academic workload exceeded the statutory requirements for the academic positions "Assistant professor" and "Senior Assistant professor" that she held. Ch. Associate Professor Stamova teach students in four disciplines, two of which are the profiling disciplines - Pharmaceutical Chemistry and Pharmaceutical Analysis, as well as two from the master's program in "Cosmetology". She participates in conducting of the semester exams and is actively involved in the certification of the pre-diploma internship of the students of the Master's in Pharmacy. She was the supervisor of one student's master's thesis.

Personal impressions

I know Sr. assistant professor Silvia Atanasova-Stamova from our joint work at the Faculty of Pharmacy, and I can say that I am impressed by her organization, precision and commitment in the learning process and outside the classroom work with students.

CONCLUSION

Senior assistant professor master pharmacist Silvia Atanasova-Stamova, PhD presents herself in the announced competition with a significant number of original real publications and a sufficient number of citations. Her publications cover topics in the field of the Pharmaceutical Chemistry ~~competition~~ and the presented scientific works contain essential scientific-theoretical and applied contributions. The candidate has more than 6 years of teaching experience. In recent years, her academic workload exceeds the norm established by the university. Given these qualifications senior assistant prof. Stamova fully satisfies the minimum requirements for occupying the academic position of "associate professor", according to LDASRB, the Regulations for its implementation and and the Regulations for the Development of the Academic Staff at MU-Varna.

Everything stated so far gives me grounds to vote positively and fully convinced to suggest to the honorable Scientific Jury to choose SENIOR ASSISTANT PROF. SILVIA YORDANOVA ATANASOVA-STAMOVA, MSCPHARM, PHD for the academic position "Associate Professor" in the specialty "Pharmaceutical Chemistry", professional field 7.3. Pharmacy, field of higher education 7. Healthcare care and sports for the Department of "Pharmaceutical Chemistry", Faculty of Pharmacy at MU-Varna.

Varna

20 May 2024.

Member of the scientific jury:

Заличено на основание чл. 5, §1, б. „В“ от Регламент (ЕС) 2016/679
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(Prof. Evgeni Evgeniev Grigorov, PhD)

By signing here, I declare that I am not a person related to the candidate, and that I have no private interest that could affect the impartial and objective implementation of giving an opinion in this competition for the academic position of "Associate Professor".