

OPINION

by Prof. George Tzvetanov Tzvetkov - Faculty of Chemistry and Pharmacy, Sofia University on the competition for the academic position of "Assoc. Professor" for the needs of the "Analytical Chemistry" department, Sofia University, announced in SG no. 103/12.12, 2023

The only candidate for participation in the announced competition has submitted documents: Chief Assistant Professor Galina Ivaylova Yotova, Ph.D, FCF, SU.

The documents presented by Dr. Yotova are in accordance with the Law on the Application of Scientific Degrees and the Regulations for the Acquisition of Academic Degrees and for Occupying Academic Positions at FCF, SU.

Dr. Galina Ivaylova Yotova completed her secondary education at NPMG in 2006; obtained a master's degree (ecochemistry) at FCF in 2012; successfully defended a doctoral dissertation on the topic "Ecometric and ecotoxicological methods in the assessment of objects from the environment" in 2016 in the same faculty; since 2015 she has been an assistant, and since 2016 - Ch. assistant at the Department of Analytical Chemistry, FCF. From the documents submitted for the competition: lecture courses, exercises, participation in projects and scientific publications, it is clear that the scientific interests of the candidate are entirely on the subject of the announced competition, namely - analytical chemistry, and in particular - chemistry of the environment, chemometrics, ecotoxicology and ecometrics,

Dr. Yotova is the co-author of a total of 19 scientific publications (indexed in SCOPUS), 14 of which in Q1, leading to an h-index of 7 and the indicated 157 independent citations of the works. Currently (April 2024) the citations noticed in SCOPUS are already 165 and h=8. Dr. Yotova participated in the competition for the academic position of "associate professor" with 15 of her scientific publications and a Habilitation thesis on the topic "Ecometric and ecotoxicological assessment of surface and waste water", covering material from 4 publications. The paper is

written eruditely and fascinatingly, the topic is more than current - water resources management, the justification of the statistical approaches used is convincing, and the conclusions - useful and important. Covering Dr. Yotova's other publications, the scientific contributions can be clearly outlined in two directions: ecometric and ecotoxicological assessment of water and soil samples and sediments, as well as chemometric analysis of data on the toxicity of medicinal mixtures and packaging materials.

A comparison between the required indicators for the occupation of the academic position of "associate professor" and their fulfillment by the candidate is presented in Table 1. It can be seen that the sum of points for indicators E and G many times exceeds those specified in the Rules for the position of "associate professor".

Table. 1. Required indicators (points) and their implementation by Dr. Yotova.

Group of Indicators	Minimum for holding the academic position "Assoc. Professor"	Dr. Yotova
A	50	50
B	-	-
C	100	100
D	220	230
E	70	314
F	-	-
G	70	140

The analysis of the publications presented by Dr. Yotova, the participation in scientific forums, the project and teaching activities, show that Dr. Yotova meets the legal requirements for the

occupation of the academic position of "associate professor" at FHF-SU. The scientific production of the candidate is a logical continuation and deepening of the successes achieved in the dissertation work. It is to be expected that Dr. Yotova's future efforts will continue to be fruitful and useful. I have no critical comments on the presented documents.

Conclusion

Based on everything said above, I confidently give my positive assessment and recommend Dr. Galina Ivaylova Yotova to be elected to the academic position "Associate Professor" in professional direction 4.2 Chemical Sciences (Analytical Chemistry).

16.04.2024, Sofia

Prepared by:

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