

OPINION

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SUBJECT: Competition for the academic position of "Associate Professor" in the field of higher education 7. "Health and Sports", professional field 7.1. "Medicine", scientific specialty "Hygiene", for the needs of the department "Chemical factors" at the Directorate "Analytical and laboratory activities", announced in SG issue 14 of 19 February 2021 and published in <http://ncpha.government.bg> on 19 February 2021

This opinion is prepared on the basis of order № RD-164 / 15 April 2021 of the Director of NCPHA, which determines the composition of the scientific jury for evaluation of candidates for the academic position of "Associate Professor" in Hygiene for the Department of chemical factors to the ALD Directorate, NCPHA.

The only candidate in this competition is Chief Assistant Vera Tzvetanova Pavlova, PhD.

The materials submitted by the candidate for the competition are completed and comply with the requirements of the Law for the Development of the Academic Staff in the Republic of Bulgaria and the Regulations on the terms and conditions for acquiring scientific degrees and holding academic positions in NCPHA.

Vera Pavlova presented an autobiography, which shows her career development, namely: chemist specialist since 2000 in NCHMEH, then in "Laborex" EAD, chief expert since 2011 in NCPHP, chief assistant since 2012, head of the Chemical Factors Department at the PCA Directorate, NCPHA from 2017.

Vera Pavlova has a master's degree in applied chemistry from Sofia University "St. Kl. Ohridski" -1998 and graduated from the Educational and Scientific Degree "Doctor" in 2007. She has a recognized specialty in "Sanitary Chemistry" since 2013.

The candidate has a serious scientific activity performed as an expert at NIS, as well as in joint projects of NCPHA and the Faculty of Chemistry and Pharmacy at Sofia University "St. Kl. Ohridski". She is the leader of 1 project and participates in 6 more national projects.

Her educational activity is related to participation as a lecturer in thematic courses from the program of NCPHA, in the basic course in "Sanitary Chemistry", with a total workload for the period 2014-2020 of 151 hours. She

was also the scientific supervisor of graduates, as well as the supervisor of a specialist in "Sanitary Chemistry".

Vera Pavlova is a member of EUPHA, as well as the Union of Chemists in Bulgaria and the Bulgarian Toxicological Society.

Vera Pavlova is fluent in Russian and English.

The presentation of Vera Pavlova's scientific activity begins with the presentation of her scientific activity - her participation in scientific forums - 37, as well as in those where she presented for the first time data for Bulgaria on the presence of cyanotoxins.

The scientific publications presented by Vera Pavlova are as follows:

- PhD Theses
- Publications in peer reviewed journals, reviewed and indexed in world databases – 10 papers
- Publications in peer reviewed and in non-reviewed Bulgarian journals, reviewed and indexed in world databases – 14 papers.

Of these scientific publications, 6 have an IF. Out of all 10 publications in international peer-reviewed journals, in 5 of them Vera Pavlova is the first or second author, and in the publications in Bulgarian journals - in 9 out of 14 issues.

The reference to the citations of Vera Pavlova's publications shows that there are 38/39 citations in the Scopus and Web of Knowledge database, in addition to 18 other citations in other databases. There are 30 Bulgarian citations.

The content of most of Vera Pavlova's publications includes research in the field of drinking and mineral water quality, while her analytical work is in the field of liquid and ion chromatography. In her dissertation, Vera Pavlova presents for the first time data from studies in Bulgaria on the presence of toxins of blue-green algae (cyanotoxins).

The main scientific contributions from her scientific activity, according to the author's reference, are in the following areas:

- Studies and determination of cyanotoxins in water and algal biomass
- Determination of ionic composition of waters
- Analysis of organic pollutants in water
- Analytical methods - participation in tests for determination of cyclic oligomers in food contact materials.

Vera Pavlova is a young scientist with serious training and knowledge in the field of water analysis. She has shown her skills to carry out research, as well as to guide students, which is the basis for her career development in the same field.

In conclusion, Vera Tsvetionova Pavlova presented a scientific production in a completely sufficient volume and quality for her participation in the

competition. It clearly shows the personal participation of the candidate in the preparation of scientific papers. In most of the scientific papers the candidate is a leading author or an active participant in their development and writing.

Vera Pavlova actively participates in scientific forums at home and abroad, where she presents her (and team) research, mainly in the field of water quality science.

She has sufficient teaching and teaching activities, in which she presents her research and results to students and graduates.

The presented materials meet the requirements for the qualitative and quantitative criteria for all indicators set by the Regulations for the development of the academic staff in the NCPHA for the award of the academic position "Associate Professor".

At the same time, I recommend the esteemed members of the Scientific Jury to positively evaluate the scientific, expert and teaching activities of Vera Tsvetanova Pavlova, MD for the award of the academic position of "Associate Professor" in Hygiene in the Department of Chemical Factors at the Directorate of Analytical and laboratory activities ", NCPHA.

Sofia
1st June 2021

Signature:.....

(Prof. M. Israel, PhD)