НАЦИОНАЛЕН ЦЕНТЪР ПО ОБЩЕСТВЕНО ЗДРАВЕ И АНАЛИЗИ
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To: The Chairman of the Scientific Jury
elected by Order No. RD-2/05.01.2026, of
Director of the National Center of Public Health and Analyses
under procedure for borrowing from AP " Associate professor"
for the needs of Physical Factors Department,
Directorate "Analytical and Laboratory Activities"

OPINION

by Associate Professor Mariyana Rasheva Stoynovska, MD, PhD

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Subject : Competition for the academic position of "Associate Professor", field of higher education 7. "Health and Sports", professional field 7.1. "Medicine", in the scientific specialty "Hygiene" for the needs of the "Physical Factors" Department, "Analytical and Laboratory Activities" Directorate, National Center for Public Health and Analysis

I present this opinion in my capacity as a member of the Scientific Jury in the procedure for evaluating the candidate Tsvetelina Plamakova Shalamanova, PhD, in accordance with Order RD-4 of 05.01.2026 of the Director of the National Center for Public Health and Analyses, Report with entry No. 29/13.01.2026 and decision of the first absentee meeting of the Scientific Jury on 15.01.2026.

One candidate submitted documents to participate in the announced competition and was admitted - Tsvetelina Plamakova Shalamanova, PhD.

The deadlines for conducting the competition and the procedure are in accordance with the Law on the Development of the Academic Staff in the Republic of Bulgaria (LDASRB), the Regulations for the Implementation of the LDASRB and the Regulations for the Development of the Academic Staff in the National Center for Public Health and Analyses.

Within the deadline and in accordance with the statutory procedure, I received the documents of Tsvetelina Plamakova Shalamanova, PhD, on paper and electronically, which are fully compliant with the above-mentioned regulatory documents.

1. Biographical data and professional development

Tsvetelina Plamakova Shalamanova, PhD was born on 05. 03. 1977. In the period 1996 - 2002 she graduated from Engineering Physics, Specialization: Medical Physics, Sofia University "St. Kliment Ohridski". In 2006 she received a diploma in "Business Management", Moscow State University, "Sector for Training of Bulgarian Citizens".

In 2007, she received a diploma in "Medical and Sanitary Physics", Medical University-Sofia.

Shalamanova has completed numerous specialized courses and qualifications. She is fluent in English, Russian, and Spanish at various levels.

In the period 2007 - 2009 she worked as Chief expert in the Physical Factors Laboratory, National Center for Public Health Protection, Sofia . From 2009 to 2025, she was a Chief

Assistant in the Physical Factors Laboratory, Analytical and Laboratory Activities Directorate: Head of the Control Body "EXACT", at the National Center for Public Health Protection - Measurements and conformity assessment of physical factors, according to the requirements of BDS ISO/IEC 17020.

In 2006, he successfully defended his dissertation on the topic "Evaluation of electromagnetic exposure during human radiation from sources used in mobile communication" and acquired the educational and scientific degree "Doctor" in the scientific specialty "Hygiene", at the scientific unit - Laboratory "Physical Factors", at the National Center for Public Health, Supervisor: Prof. M. Israel

Recognition of Tsvetelina Shalamanova's professional qualities is her membership in prestigious scientific societies and organizations - Bulgarian Society of Biomedical Physics and Engineering (BSBFE); Expert Advisory Council on Protection from Non-Ionizing Radiation: Electromagnetic Fields: Biological Effects of Constant and Time-Varying Electric and Magnetic Fields; European Public Health Association (EUPHA); Bulgarian Public Health Association (БАОЗ).

2. Candidate's research activity and scientometric indicators

The candidate has presented a total of 37 scientific papers, including as a co-author in a collective monograph "Guide to Protection from Non-Ionizing Radiation, Non-Ionizing Radiation, Man and the Environment".

Of the full-text articles, 12 have been published in scientific journals, refereneed and indexed in the world-renowned scientific information databases Scopus and Web of Science, of which 3 in journals with Impact Factor.

Also presented are 10 publications and reports published in scientific journals, referenced and indexed in world-renowned databases of scientific information, of which 3 in journals with Impact Factor, Publications and reports published in non-refereed journals with scientific review or published in edited collective volumes – 14,

Tsvetelina Shalamanova has participated in 39 scientific congresses/conferences, 15 of which abroad, with 50 scientific papers presented.

The candidate's 5 participations in webinars on topics related to her expert activities are also listed.

The overall Impact Factor of the candidate in the competition is 16.606.

According to the citation check, there are 33 citations in international databases Scopus (Elsevier) and 23 citations in international databases Web of Science (Claritive), excluding duplications and auto-citations.

Tsvetelina Shalamanova, PhD, has participated in research projects that are narrowly related to her research activity - WHO Project: "Electromagnetic Radiation: Biological Effects of Constant and Time-Varying Electric and Magnetic Fields"; International project TRANSEXPO; "Improving Control and Information Systems for Risk Prevention in Healthcare", Program BG07 "Public Health Initiatives", funded by the Financial Mechanism of the European Economic Area and the Norwegian Financial Mechanism 2009-2014.

The scientific works on Tsvetelina Shalamanova are current , with a large practically contribution . The scientific contributions, expert and methodological activities of the candidate are in the following directions : Measurements and hygienic assessment of EMF. Preparation of expert opinions for objects emitting EMF , Development and improvement of methods for measurement and assessment of EMF, Measurements and assessment of the conformity of physical factors, according to the requirements of BDS ISO/IEC 17020.

The author's reference for execution on the national requirements for borrowing on academic position " Associate Professor " according to the requirements specified in the Law on the Development of the Academic Staff in the Republic of Bulgaria (LDASRB), the

Regulations for application of LDASRB and the Regulations for development on academic composition at the National Center for Public Health and Analysis , proves 1357 points from all scientometric indicators, which exceeds the stakes minimal national requirements (table 1).

Table 1. Minimum required points by groups indicators for JSC Docent

Group of indicators	Contents	Associate Professor (number of points)	**Tsvetelina Plamakova Shalamanova (number of points)**
A	Indicator 1	50	**(50)**
B	Indicator 2	-	
In	Indicators 3 or 4	100	**(162)**
G	Sum of indicators 5 to 9	200 (160 for PD 7.6)	**(290)**
D	Sum of indicators 10 to 12	50	**(725)**
E	*Sum of indicators from 13 to the end*	-	***Outside the requirements (130)***

3. The candidate's teaching and learning activities.

The candidate's teaching and learning activities meet modern standards and curricula and are aimed at conducting postgraduate training. Tsvetelina Shalamanova is a lecturer in continuing education courses for higher medical and non-medical personnel organized by the National Center for Public Health and Analyses, and also as a topic manager for the National Action Plan on Environment and Health.

Conclusion

The candidate in the competition is a well-rounded specialist with a strong focus on contemporary trends in population and environmental prevention.
The documents presented by Tsvetelina Shalamanova, PhD are in full compliance with the requirements of the Act on the Development of Academic Staff in the Republic of Bulgaria, the Regulations for its Implementation, and the Regulations for the Development of Academic Staff at the National Center for Health and Social Care.

As a member of the Scientific Jury for the announced competition for the procedure for occupying the academic position of "Associate Professor", field of higher education 7. "Health and Sports", professional field 7.1. "Medicine", in the scientific specialty "Hygiene" for the needs of the "Physical Factors" Department, "Analytical and Laboratory Activities" Directorate, at the National Center for Public Health and Analysis, I give a positive opinion to the candidate and propose to the esteemed members of the Scientific Jury to vote positively for awarding the academic position of "Associate Professor" to chief assistant Tsvetelina Plamakova Shalamanova, PhD.

Date: 15.02.2026 г.

Prepared the opinion pursuant to Article 52
of the Personal Data Protection Act:
Assoc. Prof. M. Stoynovska, MD, PhD

Заличено на основание
на чл. 5, §1.6 "В"
от Регламент (ЕС) 2016/679