

OPINION

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External member of scientific jury

Elected at the meeting of the Scientific Council at MBAL "National Cardiology Hospital" EAD from 01.03.2023 (Protocol No. 5) and by Order No. 147/24.03.2023 of the executive director of the National Cardiology Hospital

Regarding: Application for the academic position "Associate Professor" in the field of Master education 7. "Health and sport" in the professional field 7.1. "Medicine" and scientific specialty "Imaging diagnostics" for the needs of the imaging diagnostics department, announced in SG no. 23/14/03/2023, with one candidate Dr. Svetla Emilova Dineva.

This opinion has been prepared in accordance with the Law on the Development of the Academic Staff in the Republic of Bulgaria and the Rules for its Application in National Cardiology Hospital, Sofia.

In the announced application process for "associate professor" in the scientific specialty "Medical radiology and radiology (including the use of radioactive isotopes)" for the needs of the "Image diagnostics" department at the Medical Center "NKB" AED, one candidate was admitted, and this is chief assistant Dr. Svetla Emilova Dineva, MD

The competition materials presented by Dr. Svetla Dineva contain complete and accurate information necessary to assess the candidate's overall academic development. All documents are organized in chronological order, in accordance with the requirements of the Law on the Development of the Academic Staff, the Regulations for its Application for the Occupancy of Academic Positions at the Medical College "NCB" AED. Lists and evidence materials, full-text copies of scientific papers, certificates and summaries of participation in scientific forums, official references for citations of scientific works are present.

1. Biographical data

Dr. Svetla Dineva was born on 07.11.1984. In 2009, she graduated from the Medical Faculty of Plovdiv University. In 2010, she started a doctoral degree at the Imaging Diagnostics Department of the Sofia University and 4 years later, in July 2014, she defended her dissertation on the topic: "Modern possibilities of positron emission tomography and computed tomography in secondary malignant bone dissemination" in Med – Sofia.

Since 2011 she has been enrolled as a resident in Radiology Department, UMHAT "Alexandrovska" EAD, Sofia and since January, 2016 she fulfilled the requirements and became a specialist in Radiology with a certificate from the Medical University of Sofia. (Series AC, No. 015178; Reg. No. 019651).

Since March 2016, she gained a certificate for Invasive Imaging, Level I and Interventional Radiology - Level II

Since 2020, she has a certificate for the European Diploma in Radiology.

For a period of 1 year, immediately after the completion of MU-Plovdiv, from April 2010 until March 2011 she worked as a deputy doctor at the GP practice, XXVIII DCC - "Medic 28", Sofia.

During all the following years of her practice, she has been working in diagnostic imaging hospital structures. From July 2010 until now she is working as a doctor in the Department of Imaging Diagnostics at UHMAT "Alexandrovska" Sofia.

From February, 2012 she is an assistant at the Imaging Diagnostics Department at MU-Sofia, and from June 2016 until now she is the chief assistant at the same department. In 2014 (month of July) Dr. Dineva obtained the educational and scientific degree "Doctor" with a diploma from Sofia University, Sofia.

From December, 2022, Dr. Dineva acquired a master's degree and a professional qualification "Health Management" from the Faculty of Public Health at the Sofia University.

Dr. Svetla Dineva is a member of the Bulgarian Association of Radiology, the European Society of Radiology, and the Bulgarian Medical Union

Dr. Svetla Dineva speaks English and German, both written and spoken.

The analysis of the candidate's career profile shows that the main assistant Dr. Svetla Dineva has a required work experience, skills and qualifications in the specialty and meets the requirements for participation in the announced competition.

2. Scientific research activities.

In the current competition, Dr. Svetla Dineva presents 39 scientific publications in full text, distributed accordingly:

2.1. Presented scientific papers related to the procedure for awarding the educational and scientific degree of doctor.

2.1.2 Dissertation for the award of educational and scientific degree „Doctor"

2.1.3 Ten publications related to the dissertation work, all in Cyrillic, in six of them as the first author.

2.2 20 scientific works and publications that are present in connection with participation in the competition for the acquisition of the academic position "Associate Professor", in addition to those submitted for the competition for the acquisition of the ONS "Doctor":

2.2.2. Seven publications in journals with an impact factor, in one of them as first author.

2.2.3. Five scientific publications in international and Bulgarian journals. referenced and indexed in world-renowned databases with scientific information.

2.2.4. Sixteen scientific publications and reports published in non-refereed peer-reviewed journals or peer-reviewed peer-reviewed journals.

2.2.5. Three published medical journal reviews.

3. Research interests and contributions.

Dr. Dineva's scientific interests and publications are diverse and include various aspects of non-invasive imaging, primarily in the field of cardiovascular, oncological and hybrid imaging. D- Dineva worked thoroughly and consistently to create and optimize the contrast protocols for hybrid imaging diagnostics and was directly involved in the written preparation and shaping of the results, the structure of which remains unchanged to this day and is applied in all other centers for hybrid imaging diagnostics in the country. Another aspect of scientific research and documentation in the field of hybrid imaging is in patients who do not have oncological diseases. The articles contribute to distinguishing characteristic features in a given group of patients – in this case active sports people, which can easily be inaccurately interpreted as those with an active malignant disease. For the first time in the country, a description and visualization of a physiological condition, which is a source of false positive results in hybrid imaging diagnostics and is of primary importance for colleagues working with the method, whose number has increased many times over the following years, has been published.

4. **Citations** (Reference from the Central Library of MU-Sofia). Dr. Svetla Dineva presents an official citation document that meets the minimum requirements.

6. Academic teachings

Dr. Svetla Dineva's academic workload includes teaching 4th-year medical students with teaching in Bulgarian and English - lectures and practical classes, in theoretical and practical courses for specialists in imaging diagnostics, cardiology and pediatrics, participation in semester exams of students in medicine.

Reference from the Academic Department at the Dean of the Faculty of Medicine, Medical University, Sofia for the academic years 2020-2021 and 2021-2022. shows the following annual study load:

- 2020-2021 year 381 study hours;
- 2021 – 2022 374 study hours;

A total of 755 study hours.

Training of specialists in imaging diagnostics:

- 2020 – a total of 1512 study hours;
- 2021 – a total of 1260 study hours;
- 2022 – a total of 1449 study hours;

8. Work in a clinical practice.

Dr. Svetla Dineva is an radiologist with intence clinical and diagnostic practice in a wide range of imaging specialties. Since February 2011, she has been working full-time at the Diagnostic Imaging Clinic at the Aleksandrovska Medical Center and is actively involved in planning and carrying out highly specialized examinations in a large volume, both as planned and in emergency conditions. She participates in interdisciplinary discussions on planning and preparation for complex interventional and surgical therapeutic procedures. This complex activity helps to achieve the desired treatment result, but in addition has a significant contribution to the preservation of established diagnostic methods, to their development, to the introduction of new methods and to the training of young doctors, interns and specialists. The great clinical and diagnostic activity creates conditions for consolidating the traditions in the specialty in the development of young radiologists. From October, 2020 Dr. Dineva occupies the position as the head of the imaging department in a large and multidisciplinary hospital with opportunities for continued professional and scientific development.

9. Conclusion: The analysis of the scientific-research, teaching-teaching and diagnostic-treatment activities of Dr. Svetla Dineva shows that the candidate fully meets the criteria for occupying the academic position of "associate professor" according to the ZRASRB and the Rules for the Terms and Conditions for acquisition of scientific degrees and occupation of academic positions at MBAL "NKB" AED.

I give a positive assessment and suggest that the members of the Scientific Jury choose Dr. Svetla Dineva, MD. for the academic position of "associate professor" in the field of higher education 7. "Healthcare and sports" by professional direction 7.1. "Medicine" and scientific specialty "Imaging diagnostics" for the needs of the Department of imaging diagnostics at MBAL "NKB" AED.

07 Aug, 2023

M.Nedevska

