

Opinion

By Associate Professor Violeta V. Groudeva, Ph.D
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Regarding: application for the academic position "Associate Professor" in the field of higher education 7. Health care and sports, professional direction 7.1. Medicine, scientific specialty "Medical radiology and rentgenology", announced by the National Cardiology Hospital in State Gazette No. 23 / 14.03. 2023

Application details:

In the application for the academic position of "Associate professor" in the field of higher education 7. Health care and sports, professional direction 7.1. Medicine, scientific specialty "Medical radiology and roentgenology", announced by the National Cardiology Hospital for the needs of the department of diagnostic imaging in the State Gazette No. 23 / 14.03.202, the only admitted candidate is Dr. Svetla Emilova Dineva, PhD.

The basis for preparing this opinion is the Order of the Executive Director of the NKB No. 147/24.03.2023.

Applicant's biographical data :

Dr. Svetla Dineva graduated medicine at the Medical University - Plovdiv in 2009. In 2014, she defended her dissertation thesis for obtaining the educational and scientific degree "PhD" on the topic "Modern possibilities of positron emission tomography and computer tomography in secondary malignant bone dissemination". She has been recognized as a specialist in diagnostic imaging since 2016. Since 2012, she has been conducting practical classes with medical students as an assistant professor, and since 2016 - as senior assistant professor. She successfully passed the exam for the European

Diploma in Radiology in 2020. She holds certificates for Invasive Imaging and Interventional Radiology. She attended interventional radiology courses in the Czech Republic, the Netherlands and Greece. She is an active member of the Bulgarian Society of Interventional Radiology. She has a recognized master's degree in health management.

She speaks English and German.

Scientific research activity and scientometric data.

The total number of papers of Dr. Dineva covers 74 titles. To participate in the current application, the candidate submitted 39 titles, 20 of which were published after obtaining the scientific and educational degree "PhD".

The topics of Dr. Dineva's papers are in the field of cardiovascular imaging, oncological imaging, hybrid imaging, radiation exposure of patients during imaging methods. Interesting casuistic cases from practice, including rare anatomical variants, also literature reviews are also published.

Regarding the topics related to cardiovascular pathology, we can refer the publications dedicated to:

- the serious side effects in Bulgarian patients with chronic coronary syndrome,
- the prediction of these phenomena (30)
- the utility of 3D modeling for preprocedural assessment of atrial septal defect (29)
- the relationship of anatomic variants of pulmonary venous drainage to recurrences of atrial fibrillation
- fistulisation of a vein graft aneurysm to the right atrium
- a rare case of total anomalous inflow of the white veins, etc.

A large number of Dr. Dineva's papers are related to the application of positron emission tomography combined with computed tomography (18F-FDG PET/CT). Here we can note the publications about the role of the method in:

- Patients with metastases from an unknown primary origin,
- Patients with multiple primary neoplasms (26)
- Small bowel melanoma metastasis (22)
- brain involvement in whole-body application of the method in cases of neoplasms outside the central nervous system
- Breast carcinoma staging (4,20)
- Patients with somatostatin-expressing neuroendocrine tumours (9)
- Assessment of thymus activity in Hodgkin's disease
- Assessment of therapeutic response (5)

Patient dose burden issues in lower extremity endovascular procedures (28) and in standard protocols for multidetector computed tomography angiography of peripheral vessels (13) have been investigated.

The published rare cases from the practice, in addition to interesting findings, show a diverse diagnostic activity of the author.

The assessment of compliance with the national minimum requirements shows that the presented publications meet the requirements of the indicators from groups B and Г.

A reference from the Central Medical Library indicates citations of Dr. Dineva's publications 4 in international publications and 4 in national ones, h-index 1.

Teaching and learning activity

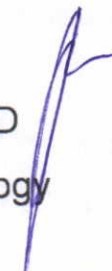
The Academic Department "Bulgarian Students" at the Dean's Office of the Faculty of Medicine - Sofia certifies that during the last two academic years,

Dr. Dineva's academic workload amounted to 755 teaching hours for Bulgarian students and foreign students in English. For the past three years, Dr. Dineva has been the tutor of 5 residents at diagnostic imaging department at the National Cardiology Hospital with a significant number of teaching hours. She gives lectures and conducts thematic classes in the course for trainees.

Conclusion:

Dr. Svetla Emilova Dineva, Ph.D., applicant for the academic position of "Associate Professor", presents scientific papers that meet the regulatory requirements of the Regulations for the Terms and Conditions for Acquiring Scientific Degrees and Holding Academic Positions at the National Cardiology Hospital. She is an established specialist in the field of diagnostic imaging and interventional radiology, holds an European diploma in radiology and is valued as a teacher by students and residents. The total assessment of her papers and activity gives me the reason to state my positive vote and to recommend to the Honorable Scientific Jury to award the academic position of "Associate Professor" for the needs of the department of diagnostic imaging of the National Cardiology Hospital to Dr. Svetla Emilova Dineva, MD, Senior assistant Professor.

Violeta V. Groudeva, MD, Ph.D
Associate Professor in Radiology



Sofia, August the 1st