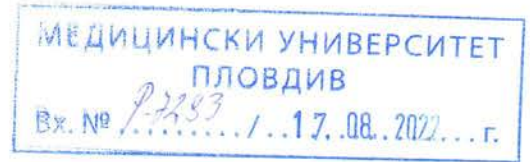


REVIEW



of the scientific papers of Dr. Katya Doykova, Assistant Professor, PhD,

Applying for the position of Associate Professor
in the domain of High education 7. Healthcare and Sport,
Professional direction 7.1 Medicine,
Specialty "Medical Radiology and Rentgenology"-
as announced in the Official Journal N материали са изчерпателни и
съответстват на изискванията на

By Associate Professor Georgi Hadjidekov, MD, PhD
From the Department of Physics, Biophysics and Radiology
Of the Sofia University "St Kliment Ohridski"

According Medical University of Plovdiv Rector's Order: № P-1558 from
28.06.2022.

In the concourse procedure for the position of "Associate Professor" in the domain High education 7. Health care and Sport, professional direction 7.1 Medicine Specialty "Medical Radiology and Rentgenology" - as announced in the Official Journal N 32 dated 26.04.2022 the only candidate presented Dr. Katya Doykova, PhD, Assistant Professor. The presented materials by the candidate are exhaustive and according to the to the Section V of the Regulations of the development of the Academic staff of the Medical University of Plovdiv (2021).

1. Analysis of the candidate's career profile:

Dr. Katya Doykova is born in 1987. In 2006 she graduated at the Mathematical secondary school, Graduated in medicine (2013). In May 2021 she graduated successfully as PhD by a thesis upon "pSW elastography of the

liver and the spleen in the assessment of liver density in chronic viral hepatitis and viral liver cirrhosis". Specialist in Diagnostic Imaging since 2020, Assistant Professor of Radiology since 2017 in the Department of Radiology of Medical University Plovdiv and responsible for international exchange and activities. Dr. Katya Doykova underwent several months of specialization in Bulgaria and abroad – Turin, Hamburg, Munich, Vienna. She is member of ESR – European society of Radiology, BAR - Bulgarian association of Radiology, ESGAR - European Society of GastroAbdominal Radiology.

Dr. Doykova is fluent in English.

2. General characteristic of the scientific works of the candidate

Applying for the position of Associate Professor, Dr. Doykova presents 11(eleven) full text papers published in editions indexed in international scientific data bases (3 three - in edition with IF according Scopus or Web of Science with total range of IF-6,715). Papers in indexed editions are published in: Diagnostics, Rheumatology International, Comptes Rendues de l'Academie bulgare des Sciences, Рентгенология и радиология, Proceeding in Physics. Dr. Doykova presents a monography study on "Spleen ultrasound application within and outside hepatology". She has participated in a national scientific project entitled "Multiparametric MRI in patients with carcinoma of the prostate - new opportunities for PI-RADS staging".

3. Evaluation of the scientific works of the candidate

The main contributions of the papers of Dr. Doykova concerns the role of shear-wave elastography (pSWE) of the liver and the spleen. Elastography density of liver and spleen are assessed in different virus-related conditions. This kind of research is original, results are important for the clinical practice and patient management and prognosis. Original papers deal as well with high resolution ultrasound in different larynx conditions, challenges in dual energy bone absorptiometry (DEXA), AI in MRI of malignant breast tumors.

4. Citations of candidate papers

7 (seven) papers are cited in indexed journal, 9 (nine) – in other publications. 10 (ten) additional publications are in reviewed non-indexed editions.

. Evaluation of teaching activities

Dr Doykova has a large amount of teaching activities. For the year 2021/2022, 523 teaching hours are certified, as well 90 hours of extra-classes activities.

5. Critical notes

I have not any considerable critical notes to the presented materials.

7. Conclusions:

Dr. Katya Doykova, PhD, Assistant Professor, is a young specialist and strongly motivated educator. The papers she has presented cover aspects of the today practice of imaging methods and have scientifically practical contributions. The presented papers and the activity documents cover the national requirements for the academic position of Associate Professor, as well those of the Rules of procedures of the development of the Academic staff at the Medical University of Plovdiv.

I do give my positive vote and invite the Honorable members of the Scientific Jury to vote positive too to confer to Dr. Katya Doykova the academic position of Associate Professor of Radiology for the educational purposes of the Medical University-Plovdiv.

Reviewer:

Заличено на основание
Чл.5 §1, 6."В" Регламент (ЕС)2016/679

**Georgi Hadjidekov, MD, PhD
Associate Professor of Radiology**

Sofia, July 2022