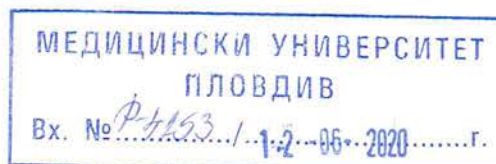


STATEMENT



by **Prof. Dr. Rosen Nikolov**

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Regarding: Competition for holding the academic position of "Associate Professor" in the scientific major of Gastroenterology in the Second Department of Internal Medicine, Section "Gastroenterology", Medical University, city of Plovdiv, announced in State Gazette No. 61 dated 02.08.2019.

Applicant: Dr. Daniel Ilianov Doykov, Assistant in Second Department of Internal Medicine, Medical University, city of Plovdiv

1. Biographical data and career development

Dr. Daniel Ilianov Doykov was born in 1984. He graduated from the Medical University, city of Plovdiv in 2009. He acquired a major in Gastroenterology in 2015 at the Medical University, city of Plovdiv. He acquired the science education degree "Doctor" in the major of Gastroenterology in 2018, after successfully defending a dissertation on the following topic: "Real time elastography as a method for assessing liver stiffness in chronic liver disease."

Dr. Daniel Doykov began his professional development at the University Hospital Kaspela in 2009 after graduating from the Medical University, city of Plovdiv. He has more than 9 years work experience in the major at the Clinic of Gastroenterology in the same medical institution. He holds the position "Assistant" at the Second Department of Internal Medicine, Medical University, city of Plovdiv in 2013. Since September 2015 he has been a Master of Public Health and Health Management and since October 2015 he has been the Managing director of the Outpatient clinic for specialized outpatient care and Medical Center Kaspela.

Most of Dr. Doykov's postgraduate trainings are international courses on ultrasound diagnostics and therapeutic gastrointestinal endoscopy. Consecutively he acquired qualification for performing ultrasound diagnostics: abdominal ultrasound Ist level, Doppler ultrasound IInd level, interventional and endoscopic abdominal ultrasound IIIrd level as well as endoscopy: conventional endoscopy Ist level, interventional endoscopy IInd level as well as ERCP (endoscopic retrograde cholangiopancreatography) and its related intervention procedures IIIrd level.

He is a member of the Bulgarian Society of Gastroenterology, Gastrointestinal Endoscopy and Ultrasound, the European Society of Gastrointestinal Endoscopy, the European Association for the Study of the Liver (EASL) and the European Group for Endoscopic Ultrasound. He is fluent in written and spoken English.

2. Research and teaching activity

Dr. Daniel Doykov has seven years of teaching experience as an Assistant at the Second Department of Internal Medicine, Medical University, city of Plovdiv. As an Assistant in the Department and an Attending doctor at the Clinic of Gastroenterology, University Hospital Kaspela, he participates in conducting seminars and practical classes for trainee doctors, postgraduates and doctoral students as well as proofreading, planning exercises and participation in semester and state exams. From the provided academic report on the study involvement of the applicant from department "Teaching affairs" of the Medical University, city of Plovdiv for the last three years, it is evident that the study involvement is between 400 and 496 hours. These indicators meet the requirements of the Medical University, city of Plovdiv for teaching activity for participation in the competition for obtaining the science education degree "Associate Professor".

3. Research activity

Dr. Daniel Doykov presents in the competition with a total of 18 scientific papers which include: one dissertation, one monograph study on "Ultrasound elastography of the liver", 16 full-text publications of which 14 are in Bulgarian language and 2 are in English language. The applicant is first author in 15 of the articles, second author in one of the articles and he is the only one author in 4 of them.

As an author of publications, Dr. Daniel Doykov has been quoted 11 times: 1 time in the Web of Science, 6 quotations in unrefereed journals with scientific review, 4 quotations in monographs and collective editions with scientific review.

Most of the times the topics of the published articles are related to the diagnostic opportunities of ultrasound elastography as a non-invasive method for assessment in various liver diseases. Namely, his dissertation topic is "Real time elastography as a method for assessing liver stiffness in chronic liver disease" and was developed in the period 2013-2016. For the first time in Bulgaria, there he does a comprehensive study and comparison between invasive and non-invasive methods in patients with chronic liver disease of various etiologies. An algorithm for assessing fibrosis in this group of patients has been proposed. The usefulness and reliability of the non-invasive methods in the diagnosis of chronic viral hepatitis and liver cirrhosis as well as their limitations in non-alcoholic steatosis have been confirmed. The other publications analyze the treatment and diagnostic problems

in gastroesophageal reflux disease, non-alcoholic steatohepatitis in chronic inflammatory bowel disease, elastography of the pancreas, risk factors for complications after pancreatic biopsy, use of elastography in the diagnosis of bile polyps. A significant part of the publications are his own and are based on his own observations.

The monograph study "Ultrasound elastography of the liver" published in 2019 with ISBN 978-619-7205-17-6 includes the use of the method in liver diseases with its 4 modalities - compression elastography, transient elastography, shear wave elastography and ARFI elastography. Comparative studies between the different types of elastography are provided to assess the liver stiffness in chronic viral hepatitis, non-alcoholic steatosis, alcoholic hepatitis and cirrhosis.

4. Compliance with the requirements of the Medical University, city of Plovdiv for holding the academic position of "Associate Professor"

The self-assessment report attached by Dr. Daniel Doykov for the implementation of the minimum national indicators shows that there is a total of 749 points and the required points are 400. Having in mind the relevance of the presented scientific developments, his active research and teaching activity as well as his presentation in professional and academic aspect, I believe that the applicant meets the necessary criteria for holding the academic position of "Associate Professor" in compliance with the regulations for the development of the academic staff of the Medical University, city of Plovdiv.

Conclusion: I give my positive assessment for Dr. Doykov and I recommend that the members of the scientific jury propose Dr Doykov to be chosen by the Academic Council of the Medical University, city of Plovdiv for the position of "Associate Professor" in the scientific major Gastroenterology.

28.05.2020

city of Sofia,


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Prof. Dr. Rosen Nikolov