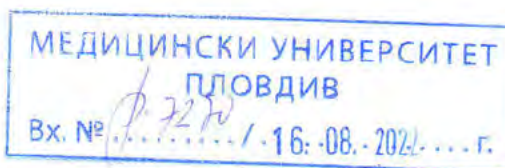


To
The Chairman of the Scientific jury,
Assigned in accordance with Order No. R - 1725/ 15.07.2022
Of the Rector of Medical University - Plovdiv
15A Vassil Aprilov Blvd.
4002 Plovdiv

Your Protocol No. 1/ dated 25.07.2022.



Attached I Submit: Opinion

In relation to the Procedure for the academic position of Professor

In the Scientific Specialty CARDIOLOGY

For the needs of Medical University - Plovdiv,

Published in State Gazette No. 32/26.04.2022

Reviewer: Professor Dr. Ivaylo Rilkov Daskalov, MD

Scientific specialties: Cardiology and Internal Medicine

Institution: Military Medical Academy, Sofia

Address and contacts:

Mail:ski Blvd., Military Medical Academy, Sofia

Ema Заличено на основание Чл.5 §1, б."В" Регламент (ЕС)2016/679ail.bg

Tele,.....

Associate professor Mariya Petkova Tokmakova, PhD, was born in the city of Plovdiv, where she graduated from the English Language High School and the Medical University with excellent results. She started work as a PhD student at the Cardiology section of the First Department of Internal Medicine of the Medical University of Plovdiv, after which she consecutively held the positions of "assistant", "chief assistant" and "associate professor". She has acquired specialties in "Internal Diseases" and "Cardiology", and a PhD degree. Since 2008 she is holding the position Head of Division at the Cardiology Clinic of UMHAT "Sv. Georgi" EAD in Plovdiv. She has completed a Master's Degree in "Health Management". Prof. Tokmakova has done a number of specializations abroad, among them European Practicum on Clinical Exercise Testing, Balatonfured, Hungary; training in cardiopulmonary exercise testing in Hopital Beaujon, Clichy, France; research in Brigham and Women's Hospital, Harvard Medical School, Boston, USA, etc. Prof. Tokmakova is the main coordinator of the Expert Council for the medical specialty "Cardiology" at the Ministry of Health, she is a member of the Board of the Bulgarian Society of Cardiology and member of the Bulgarian Society of Interventional Cardiology, the European Society of Cardiology (ESC), the Working Group on Cardiac Prevention and Rehabilitation at the ESC, the Union of Scientists in Bulgaria and member of the Board of Heart Failure Association of the ESC. Associate professor Tokmakova is the former president and scientific secretary of the Bulgarian Society of Cardiology (2018-2020), section editor and member of the editorial board of the Journal "Bulgarian Cardiology" and "Folia Medica", a member of the Academic Council of Medical University - Plovdiv and Deputy Chairman of the General Assembly of Medica University - Plovdiv.

In the current procedure, the candidate has submitted the following scientific works: dissertation abstract, publications in refereed and non-refereed journals, abstracts from scientific forums, monographs, textbooks and manuals, scientific projects, attestations, references and other evidentiary material.

Associate Professor Tokmakova's scientific output can be divided into the following five main scientific areas:

1. Physiology, pathophysiology and clinical significance of the response to exercise and exercise training in patients with heart failure. A prospective randomized controlled single-center study was conducted on 120 patients with chronic heart failure (CHF) II/III NYHA functional

class and the influence of concomitant chronic respiratory diseases on the indicator of oxygen consumption efficiency (OUES) during dosed exercise was studied.

2. Cardiovascular risk and risk factors. The behavior and treatment of high- and very high-risk familial hypercholesterolemia (FH) patients were evaluated in Bulgaria through an observational study covering 24,000 patients from 12 cardiology centers and a follow-up of 12 months. A digitized health record study was also conducted of the proportion of FH of 11,090 patients hospitalized for an acute symptomatic atherosclerotic vascular event and achieving ESC/EAS recommended LDL-C values and associated public health resources. A study was also conducted on the adverse health effects of municipal noise and occupational noise exposure and risk factors for cardiovascular disease.

3. Prognostic factors. The relationship between higher heart rate in stable patients who survived high-risk MI and poor long-term prognosis, as well as prognostic factors in patients after carotid stenting were investigated

4. Heart failure. The prevalence, economic burden, prognosis and assessment of quality of care in elderly patients have been extensively reviewed in a series of publications. Gender differences in HF are discussed in detail in a monographic work.

5. Tako-Tsubo syndrome, arterial hypertension, dual antiplatelet therapy after ACS, transthyretin amyloidosis, viral myocarditis and rare clinical cases have been described in a series of scientific publications.

The great scientific achievements and indisputable scientific reputation of Associate-professor Tokmakova are due to a large extent to numerous participations in the implementation and management of important international and national scientific projects, among which are "AFFIRMO" "OrthoBioMec" "Erasmus", "Erasmus plus", "PRE E HEALTH", "PhD student", "PhD student-2", "Student practices". Associate Professor Tokmakova has been the Scientific Supervisor of two Doctoral students who successfully obtained PhD.

In the monographic work "Gender Differences in Heart Failure", Associate Professor Tokmakova emphasizes that currently in the major guidelines and studies, these differences are not sufficiently taken into account and they require a more in-depth study in the future. Knowledge of gender differences in the pathogenesis, clinical presentation, and response to therapy is an important element for the individual approach to HF, which is an essential contribution of a scientific, educational and methodological nature.

Associate-professor Tokmakova has participated in collective monographs, one international and one national, as a co-author.

Citations of the candidate's publications in scientific journals, referenced and indexed in Scopus and/or Web of Science are 412. According to data from the CMB, 26 Bulgarian citations were found from national publications.

Associate-professor Tokmakova is teaching fourth and sixth-year medical students, including English-speaking students, cardiology and general medicine specialists, she is the head of specialization, a member of the examination committee for the state exam in Cardiology.

I have no critical notes and recommendations.

The candidate complies with the minimum national requirements under Art. 2b, paragr. 2, 3 and 5 of LDASRB and the specific requirements defined in the Regulations for Academic Development of MU - Plovdiv, for Units with clinical activity. Specifically, from the specific requirements for MU-Plovdiv for the position "PROFESSOR", associate professor Tokmakova has presented an approximately seven times greater score of points - 10219.16 and her h-index is twice higher – 6, as ≥ 3 is required.

Conclusion: Associate Professor Dr. Mariya Petkova Tokmakova meets the mandatory and specific conditions and scientometric criteria for the academic position "PROFESSOR".

Associate Professor Dr. Mariya Petkova Tokmakova is an established specialist, teacher, researcher, and scientist with comprehensive training and extensive experience in Cardiology. The volume and quality of the presented scientific production exceeds many times the minimum national requirements of LDASRB and the specific requirements for MU - Plovdiv. This gives me reason to confidently recommend to the respected members of the Scientific Jury to vote positively for awarding the academic position "PROFESSOR" to Associate Professor Dr. Mariya Petkova Tokmakova.

I will vote "YES".

10.08.2022 Signature:



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

/ Prof. Dr. Ivaylo Rilkov Daskalov, MD /