

TO

the CHAIRMEN of the SCIENTIFIC JURY,

as DEFINED by ORDER №2599/14.11.2019
of the RECTOR of the MEDICAL UNIVERSITY-
PLOVDIV



STATEMENT

by

prof. Naydenka Ivanova Gronkova-Zlatareva, MD, PhD –

Head of the intensive care unit, Cardio-Vascular Center -

Ajibadem City Clinic - Sofia

about the competition for

Department of Internal Diseases at the Medical University of Plovdiv about
teaching "Assistant Professor" in Cardiology to the Cardiology section of the First Department
in English, announced in SG, issue 72/13.09.2019

The statement is prepared in accordance with the Law for the Development of the Academic Staff (ASDL) of the Republic of Bulgaria and the Rules on the Terms and Conditions for Acquisition of the Academic Degrees and Academic Positions by the Medical University-Plovdiv. The only candidate Dr. Petar Fedev Nikolov, MD, PhD has submitted all the required documents for the competition. The procedure and the necessary requirements have been complied in accordance with the ASDL in Republic of Bulgaria. The candidate is admitted to the competition.

1. Biographical data:

Dr. Petar F. Nikolov has graduated his secondary education at the English Language School in Plovdiv and subsequently - medicine with full honors and Hippocratic Medal at the Plovdiv's Medical University. He won the competition for an assistant professor at the section of Cardiology to the First Department of Internal Medicine at Medical University (MU)-Plovdiv in 2009 and he has been chief assistant professor since 2014. He granted specialty of Cardiology

meanwhile and certificate of Invasive Cardiology in 2015. D-r Nikolov is currently working at the unit of Invasive Cardiology of UMBAL “St.George” – Plovdiv.

2. General description of the submitted materials for the competition:

The following scientific works are presented in this competition: publications, abstracts from scientific forums, monographs, abstracts of dissertation, textbooks, scientific projects.

3. Evaluation of the scientific works for the whole academic development:

D-r Nikolov has presented 31 publications in foreign and Bulgarian journals. Participations at congresses and conferences are 21, 16 of them being abroad.

The citations are 28, 17 of them are from sources abroad and 11- from Bulgarian authors. D-r P.Nikkolov has 10 publications in refereed journals.

There is a diversity of publications related to the different periods of his professional development, dominated originally by those related to the arterial hypertension. A paramount contribution is the candidate's thesis that pre hypertension is a borderline condition and sensitive laboratory and functional studies are needed to demonstrate initial organ changes. The medical therapy is also required at high normal blood pressure in subjects with definitive risk profile, which has been confirmed by the latest recommendations of the European Cardiology Society. Another group of publications is devoted to atherosclerosis, including an experimental model and the effect on it with trandolapril, correlation of changes in carotid arteries with those of coronary arteries, combined hypolipemic therapy, statin administration in cerebrovascular disease. Some of the recent publications are in the field of invasive cardiology, commenting the complications of the interventional procedures. D-r Nikolov has also reported some new data about heart failure, highlighting the importance of a new inflammatory biomarker YKL-40, which is associated with the degree of inflammation and pathological tissue reconstruction.

The monographic work, entitled “Endothelial Dysfunction and Coronary Disease” reflects the applicant's completed professional development, combining his skills of an interventional cardiologist and a functionalist. The book, written on 238 pages and based on a bibliography of 554 sources, emphasizes the complex interactions between endothelium and ischemia. Conditions, related primarily to microvascular changes, such as microvascular angina, Tacotsubo KMP, "X" syndrome, are described in details. At the same time, the role of endothelial dysfunction in the formation and destabilization of the coronary plaque is also discussed in detail. The role of stenting and subsequent complications is also commented.

Part of D-r Nikolov's scientific output has been presented at a number of international congresses.

D-r Nikolov presents 28 citations related to his scientific publications.

He has presented three scientific projects, two of which have been completed already.

4. Teaching activity:

D-r Nikolov has been a co-author of two textbooks.

The teaching activity is considerable, being over 420 hours per year. Much of it is related to English language training, for which the competition is announced. Teaching activities include lectures, practical lessons, participation in semester and state exams. He teaches in thematic courses for cardiology specialists and trainee doctors too.

5. Professional evaluation:

D-r Nikolov is a member of the National Societies of Cardiology, Invasive Cardiology, the Hypertension League, and the European Society of Cardiology. He has 12 years of professional experience and 7 years as a cardiologist. He presents certificates of invasive cardiology and expert level in echocardiography. The last two show his complex development as a completed cardiologist.

6. Overall assessment of the applicant according to the 2018 national minimal scientometric requirements for ASDL, as well as to the mandatory conditions and scientometric criteria of the Rules of the Medical University - Plovdiv:

According to the 2018 ASDL national scientometric requirements, d-r Nikolov completely meets the requirements for the academic position (AP) "Associate Professor". His total score is 934 points, while the minimal required is 400.

Minimal required points by the groups of indices for the academic positions "Associate Professor" and "Professor" according to the 2018 ASDL

Group of indices	Content	ASSOCIATE PROFESSOR (points)	PROFESSOR (points)	D-r Petar F. Nikolov, PhD (points)
A	Index 1	50	50	50
B	Index 2	-	-	
C	Indices 3 or 4	100	100	100

D	Group of indices from 5 to 9	200 (160 for PN 7.6)	200 (180 for PN 7.6)	392
E	Group of indices from 10 to 12	50	100	270
F	Group of indices from 13 till the end	-	100 (80 for PN 7.6)	115
Overall points		400		934

D-r Nikolov completely fulfills all the mandatory requirements of the implementation of ASDL rules by MU-Plovdiv for applying the position of associate professor.

7. Conclusion:

I have known D-r Petar Nikolov, MD, PhD for many years and have been followed his development. I consider that he completely meets the requirements of ASDL and the Rules for their implementation by MU-Plovdiv for the occupation of the academic position Associate Professor, for which I vote positively.

17.12.2019

Signature: 
(prof. Naydenka Ivanova Gronkova-Zlatareva, MD, PhD)