



To
The chairman of the scientific jury,
determined by Order № 308 / 22.07.2021
of the Executive Director of the
National Heart Hospital

Standpoint

By

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concerning a competition
for "**Associate Professor**" in the field of higher education 7, "Health and Sports",
professional field 7.1 "Medicine" in the specialty "Cardiology" for the needs of
"Clinic of Cardiology" announced in state newspaper no. 45 of 28.05.2021

The opinion was prepared in accordance with the Academic Staff Development Act (ASDA), the Regulations for the Implementation of the Academic Staff and the Regulations on the Terms and Conditions for Acquisition of Scientific Degrees and Occupation of Academic Positions at the NHH.

All the necessary documents for the competition were provided by the only candidate Dr. Iliyana Hristova Petrova-Stoyanova. The competition procedure has been followed.

1. Biographical data:

Dr. Iliyana Hristova Petrova-Stoyanova graduated in medicine in 2005 at the Medical University - Sofia. Since 2006 currently works at the NHH as an assistant. She acquired a specialty in cardiology, and subsequently a qualification in invasive cardiology, where she currently works. Fluent in French and English.

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

The following scientific papers are presented in this competition:

- Publications;
- Abstracts of scientific forums;
- Monographs - one independent;
- Abstract of the dissertation;
- Chapters in books and monographs - six;

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

Dr. Petrova presents a total of 60 publications in foreign and Bulgarian journals and participations in congresses, distributed as follows:

- Monographic work-1 (one);
- Publications in Bulgarian journals -11 (eleven);
- Books-6 (six);
- Abstracts from international forums-25 (twenty-five);
- Abstracts from Bulgarian forums-17 (seventeen)

The publishing activity is related to the following areas - contrast-induced nephropathy; invasive cardiology; acute coronary syndromes - risk factors, prognosis and interventional treatment; arterial hypertension and other cardiovascular risk factors; heart failure and others.

Regarding contrast-induced nephropathy, Dr. Petrova examines epidemiology, pathophysiological mechanisms of development, lack of treatment and prevention. A detailed functional description and risk profile of these conditions is made. Dr. Petrova shares her analysis on the application of different hydration regimens. For the first time in Bulgaria a new renal biomarker is introduced - Neutrophil Gelatinase Associated Lipocalin and its own experience is presented. Regarding the field of "Invasive Cardiology" deals with the occurrence of MACCE, the frequency of restenosis in the application of BIOSS, the treatment of pulmonary