

## OPINION

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### Regarding

procedure for conducting a competition for the occupation of the academic position "Professor" in professional direction 7.1 Medicine (Internal Diseases) for the needs of the Clinic of Internal Diseases at UMBALSM "N. I. Pirogov" EAD - Sofia, announced in State Gazette, no. 46 of 26.05.2023 with the Order of the Executive Director of UMBALSM "N. I. Pirogov" EAD - Sofia Dr. Valentin Dimitrov No. RD-26-2025/18.10.2023 and Protocol No. 01-3/04.10.2023 and according to the decision of the Scientific Council I have been elected as a member of the Scientific jury for conducting the competition with the preparation of an opinion.

One candidate was admitted and participated in the competition for the academic position of "Professor" - Associate Professor Petar Yordanov Atanasov, Ph.D.

### **Brief biographical details of the applicant**

Assoc. Dr. Atanasov graduated from higher education, majoring in "Medicine" at the MA, VMI - Sofia in 1988, after which he worked as a resident in the Internal Department of the ORB, Kyustendil, for 3 years.

From 1992 until now, he has held various positions at UMBALSM "N. I. Pirogov" EAD:

internist at the Internal Medicine Clinic (VB)

hematologist at KTHI and in 2014 was elected assistant at the same clinic.

He has held the position of Head of the WB clinic from 2014 to the present.

There are recognized specialties in VB, clinical hematology and emergency medicine.

In 2016, he successfully defended his dissertation on the topic: "Epidemiology and etiology of anemia in urgently hospitalized patients over the age of 80." and received the academic position of "Associate Professor" in the scientific specialty "Internal Diseases" at the Clinic for VB of UMBALSM "N. I. Pirogov" EAD.

## **Research activity**

For participation in the competition, Assoc. Dr. P. Atanasov presents scientific publications with diverse and current topics in the field of WB, translational hematology, emergency medicine, pharmacology, pharmaceutical and inorganic chemistry, physiotherapy, social medicine. A significant number of publications have a particularly valuable interdisciplinary focus, including basic interactions, therapeutic models and approaches. An important part of them is the studies related to the period of the severe epidemic of the Corona virus infection, analyzing significant for medical science and practice data - epidemiological, clinical-diagnostic and therapeutic, for predisposing factors, for the role of organized specialized triages, the most frequent complications.

The candidate's scientific works are mostly published in leading specialized international journals (more than 50%). A monographic work "Main characteristics (frequency, prevalence, causes) of the anemic syndrome in patients over 80 years of age, hospitalized in an emergency" is also presented, based on the protected dissertation work, examining the versatility and complexity of the diagnosis "Anemic syndrome" in emergency conditions and its most frequent manifestations.

Prof. Atanasov's scientific publications have a significant number (over 400) of citations, mostly in foreign sources according to the reference of the CMB, Sofia.

## **Scientific research activity**

of the candidate includes active participation in national and international scientific congresses, conferences and symposia with scientific reports on various medical topics, participation in scientific projects, including international ones.

The educational and teaching activities of Prof. Atanasov are represented by a significant number of classroom, extra-auditory and teaching-methodological activities with students of the VI medical course, specialists in VB and Emergency Medicine, conducting colloquiums.

Prof. Atanasov is the scientific director of 4 doctoral programs, one of which was successfully defended, and 7 specialist programs in various specialties in the field of WB.

The overall presented research activity of the candidate defines basic scientific and scientific-practical contributions of pronounced importance, both scientific and practical:

The study of the epidemiological, diagnostic, causal relationship of the anemic syndrome, as well as the incidence, severity, morphological characteristics and mortality in elderly patients in the emergency setting

The proposal for diagnostic and therapeutic algorithms, assessment of clinical manifestations and treatment in emergencies caused by atypical viral infections

Analyzing the epidemiology, etiology, frequency and severity of acute intoxications with heavy metals in domestic incidents and in clinical practice

Creation of practical algorithms for elucidating the mechanism of action of medicinal products - assessment of biological properties and new, previously unexplored biological effects

Determination of algorithms for application of the pharmacological group "Zartani", summarized results and their application in CVD

Assessments of modern aspects in the education of Bulgarian health specialists from various fields of medical colleges, professional realization in the Bulgarian health care system

Incidence and Complications Study, duration and severity accompanying morbidity and mortality in patients with Covid 19

Establishment of protocols for complex hepatoprotective therapy, analysis of mortality in accompanying malignancies in patients with Covid 19

Follow-up of patients for a 2-year "post-observation" period and control by RT PCR test research

Comparative analysis of severity, frequency, complications, duration of coronavirus infection in smoking and non-smoking patient groups

Evaluation of the clinical effect and immune response of treatment with original preparations containing anti-SARS-CoV2 monoclonal antibodies over a 1-year period in different age and gender groups

Research and analysis of the immune response in followed-up patients in the "post-conviction" period (1-2 years) by the level of specific antibodies and the relationship between new-onset and/or exacerbated chronic diseases after coronavirus infection

The reference made for compliance with the minimum national criteria for occupying the academic position of "Professor" shows that the candidate Associate Professor Atanasov fully meets these requirements.

In conclusion:

The candidate for participation in the competition for the academic position "Professor", Assoc. Dr. P. Atanasov is among the leading specialists in the field of OB with various specialties and in the field of emergency medicine, with a long and successful clinical, scientific, teaching and organizational activity for more than 30 years.

He has versatile medical knowledge, high professionalism and competence, proverbial dedication and uncompromisingness in various and complex situations.

His research activity and activity are multifaceted and diverse with a pronounced scientific and practical value with valuable analyses, evidence and conclusions for clinical applications and specialized training.

All this gives me reason to vote positively and to recommend to the respected members of the Scientific Jury a positive vote for the occupation of the academic position "Professor" in the professional direction 7.1 Medicine (Internal Diseases) by Assoc. Dr. Petar Yordanov Atanasov, MD.

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Sofia city