

To the chairman of the scientific jury  
as defined by Order № R-109-304 /  
07.08.2020 of the Rector of  
Medical University – Varna

## **REVIEW**

by Assoc. Prof. Dr. Yordan Radkov Dimitrov, Ph. D.  
First Department of Internal Medicine, Medical University – Varna  
Member of the Scientific Jury for the competition for academic position “**Associate Professor**” in field of higher education 7 “Health and Sports”; professional direction 7.1 “Medicine”; specialty “**Pneumonology and Phthisiology**” for the needs of Faculty of Medicine, First Department of Internal Medicine, Clinic of Pneumonology and Phthisiology at “St. Marina” University Hospital Varna

By Order of the Rector of Medical University Varna № R-109-304/07.08.2020 I have been chosen as a member of the Scientific Jury and by Protocol № 1 in the first meeting of the Scientific Jury I have been appointed to write a review for the competition for academic position “Associate Professor” for the needs of Faculty of Medicine, First Department of Internal Medicine, Clinic of Pneumonology and Phthisiology at “St. Marina” University Hospital Varna.

The procedure for announcing the competition is in accordance with the requirements by law, no procedural violations were found. Documents have been submitted for the competition by one candidate - Dr. Darina Nikolova Miteva – Mihaylova, Ph. D.

### **1. Brief CV data of the applicant**

Dr. Darina Miteva graduated Medical University Varna in 1990. She began work as pediatrician in the clinic in Dolni Chiflik. On 13.01.1992 she began work as internist in the Navy Hospital Varna. From 2000 until April 2007 Dr. Miteva is physician at the Intensive Respiratory Ward, Clinic of Pneumonology and Phthisiology at “St. Marina” University Hospital Varna. From 17.10.2011 she is an assistant professor at the ES Pulmonary Diseases and Allergology. From 28.06.2017 is a chief assistant professor. Certified in “Internal Medicine” in 1997, and “Pneumonology and Phthisiology” in 2001.

Dr. Miteva has a number of additional professional qualifications, some of which should be noted:

- Certificate for Intensive care of respiratory diseases
- Certificate for Bronchology
- Master's degree in Health management – 2009.

In 2016 Dr. Darina Miteva acquired the educational and scientific degree “Ph. D.” with a dissertation on “Role of comorbid diseases and some biochemical markers in determination of severity and prognosis of community acquired pneumonia”

### **2. Research activity of the applicant - assessment of quantitative and qualitative indicators**

Dr. Miteva submitted for review the following scientific papers:

1. Monograph: Pneumonia. Contemporary aspects of the diagnosis, treatment and prevention, ISBN 978-619 221-236-0.
2. Full-text publications in scientific journals, referenced and indexed in a global database of scientific information – 11
3. Full text publications in scientific journals with scientific review – 19
4. Unreferred and unreviewed publications – 4
5. Participation in national congresses and conferences – 12
6. Participation in international congresses and conferences – 6

Dr. Miteva is the sole or first author in 22 (64%) of the publications and respectively second author in 4 of them.

**Citations:** There are 4 citations of the scientific works of Dr. Miteva in scientific journals, referenced and indexed in a global database of scientific information and 4 in unreferred but peer-reviewed journals.

**Impact factor:** total 77.125

**3. Scientific fields in which the candidate has mainly worked in and where the scientific publications are concentrated:**

- Pneumonia
- Obstructive lung disease – COPD and asthma
- Pulmonary embolism

**4. Scientific and applied contributions:**

The main part of Dr. Miteva's research is in the field of lung infections (pneumonia). In her research, she explores various aspects of the disease:

- significance of comorbidity for the course and outcome of ambulatory pneumonia (cumulative risk assessment)
- significance of inflammatory markers in determining the severity and prognosis of pneumonia
- complications in patients with pneumonia
- assessment of the severity scales of community-acquired pneumonia
- treatment (antibiotic regimens, application of corticosteroids)
- analysis of the mortality in ambulatory pneumonia

**As the main contribution** of Dr. Miteva in pulmonary science and practice it should be noted that for the first time in Bulgaria, based on the risk profile of the patient, an algorithm for selection of site for treatment and control of patients with CAP (at four levels) was developed.

**5. Teaching activity:**

Dr. Darina Miteva teaches practical seminars in Pulmonary diseases for medical students in Bulgarian and English language training. She lectures to 4<sup>th</sup> year medical students in Bulgarian language program. Her study workload for the last 5 years is:

- 2014/2015 – 174 hours
- 2015/2016 – 258 hours
- 2016/2017 – 258 hours
- 2017/2018 – 340 hours
- 2018/2019 – 164 hours

Dr. Miteva participates in the examination committees for Internal Medicine for 4<sup>th</sup> year medical students. Trains interns during their state internship in Internal Medicine. Participates in the

training of doctors specializing in "Pulmonology and Phthisiology" and "Internal Medicine". Since 2015 she is an administrative assistant at the ES Pulmonary Diseases and Allergology.

**In conclusion**, Dr. Darina Miteva-Mihailova, Ph. D. is a well-established clinician and teacher, distinguished by her very good internal medicine training. In her professional development Dr. Miteva has gained significant practical experience in the field of pulmonary diseases.

The scientific production and the study load of Darina Miteva Ph. D. fully meet the requirements of the Rules for the Development of the Academic Staff and the Regulations on the terms and conditions for obtaining scientific degrees and holding academic positions at MU Varna. This gives me reason to confidently suggest to the esteemed scientific jury to vote positively for awarding the academic position of "Associate Professor" to Dr. Darina Miteva - Mihaylova in the scientific specialty "Pneumology and Phthisiology" for the needs of the First Department of Internal Medicine at the Faculty of Medicine at MU Varna.

03.10.2020

Assoc. Prof. Dr. Yordan Radkov, Ph. D.

