

## **OPINION**

**from**

**Prof. Dr. Marieta Petrova Georgieva, MD, PhD**

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**Faculty of Pharmacy,**

**Medical University "Prof. Dr. P. Stoyanov" – Varna**

**Member of the Scientific jury based on an order No. R-109-513/30.11.2023 г. of the Rector of  
Medical University-Varna.**

**According to the protocol of the first meeting of the Scientific jury held on 11.12.2023 г., I am  
appointed to prepare an opinion.**

**REGARDING:** Competition for the academic position "Associate Professor" in the scientific specialty "Pharmacology", field of higher education 7. Healthcare and sports, professional field 7.3. Pharmacy, for the needs of the Department of Pharmacology, Toxicology and Pharmacotherapy, Faculty of Pharmacy at MU-Varna. The competition for the current procedure was published in SG, issue 83/03.10.2023.

The review of the materials submitted for the competition is based on the requirements of the Law on the Development of the Academic Staff in the Republic of Bulgaria (LDASRB), as well as the Regulations for the Implementation of the LDASRB (RILDASRB) and the Regulations for the Development of the Academic Staff in the MU - Varna. The documents are accompanied by evidentiary material and are prepared precisely.

One candidate participates in the competition – MAYA PETROVA RADEVA-ILIEVA, MScPharm, PhD – chief assistant professor at the Department of Pharmacology, Toxicology and Pharmacotherapy, Faculty of Pharmacy at MU-Varna.

## **Biographical data and professional development**

Maya Petrova Radeva-Ilieva was born in Silistra (1989). She completed her secondary education (2008) at High School of Natural Sciences and Mathematics "St. Kliment Ohridski", Silistra. In 2015, she graduated in pharmacy from MU-Varna with honors and was the first graduate to win the "Golden Galen" award at the Faculty of Pharmacy.

There is a strict consistency in her professional development and growth. She was appointed as an ASSISTANT PROFESSOR in pharmacology at the Department of "Pharmacology, Toxicology and Pharmacotherapy" of the Faculty of Pharmacy at MU-Varna in January 2016. In 2020, she was enrolled as a full-time PhD student in the specialty "Pharmacology/incl. pharmacokinetics and chemotherapy" at MU-Varna. In April 2022, she successfully defended her dissertation on the topic *"Isolation and analysis of methylxanthine fraction, catechin fraction and total Bancha green tea extract and study of their influence on the pharmacokinetics of sildenafil in rats"* and obtained the educational and scientific degree "Doctor" of science specialty "Pharmacology / incl. pharmacokinetics and chemotherapy". From August 2022, she holds the academic position of CHIEF ASSISTANT PROFESSOR at the Department of Pharmacology, Toxicology and Pharmacotherapy, Faculty of Pharmacy at MU-Varna.

In 2023, chief assist. prof. Maya Radeva-Ilieva acquired a specialty in Pharmacology and Pharmacotherapy at the Medical University of Varna.

In the period of 2016-2021, she also worked as a Master Pharmacist, deputy head of pharmacy at the MEDUNIPHARM pharmacy, opened by MU-Varna.

## **Professional interests**

The scientific interests of chief assist. prof. Maya Radeva-Ilieva is an exemplary example of the unity of pharmacy, clinical pharmacy and clinical pharmacology. In her scientific production, the candidate practically walks the path of: isolation and phytochemical analysis of plant extracts, characterization of the extracts, selection of potential active substances, study of their pharmacological profile, as well as interactions between plant extracts and medicinal substances. Extremely precise techniques, safe reagents, high-quality computer programs, as well as HPLC apparatus were used for her scientific work. The results of the candidate's research activity are significant and comprehensively documented.

Chief assist. prof. Maya Radeva-Ilieva is a member of the following scientific organizations: Bulgarian Pharmaceutical Union and Bulgarian Society of Pharmacology, Clinical Pharmacology and Therapy. Maya Radeva-Ilieva has excellent computer literacy and excels in communication, organizational and technical skills. Fluent in written and spoken English.

### **Teaching and learning activity**

Chief assist. prof. Maya Radeva-Ilieva is a well-established teacher with proven skills. She has over 9 years of work experience, of which 8 years of teaching experience at MU-Varna. The academic workload of chief assist. prof. Maya Radeva-Ilieva meets the basic requirements for teaching and learning work.

She participates in the teaching of:

- Seminar exercises in *pharmacology* for pharmacy students
- Seminar exercises in *pharmacotherapy* for pharmacy students
- Seminar exercises in *toxicology* for pharmacy students
- Lectures on *pharmacology* for assistant pharmacists.

She is a co-author in the writing of the following teaching materials:

- "Guide to pharmacology exercises for pharmacy students" edited by Assoc. Prof. Dr. Marieta Petrova Georgieva, MD, PhD and Assoc. Prof. Kaloyan Dobrinov Georgiev, PhD. Varna: Varna Medical University Press, 2017. ISBN: 978-619-221-076-2
- "Collection of toxicology theses for pharmacy students" edited by Prof. Dr. Marieta Georgieva, PhD and Assoc. Prof. Kaloyan Georgiev, PhD. Varna: STENO Publishing House, 2022. ISBN 978-619-241-224-1
- "Collection of Test Questions in Toxicology" for master pharmacists, edited by Prof. Dr. Marieta Georgieva, PhD and Assoc. Prof. Kaloyan Georgiev, PhD. Varna: STENO Publishing House, 2022. ISBN 978-619-241-247-0.

In the period of 2019-2022, Maya Radeva-Ilieva was an administrative assistant at the Department of "Pharmacology, Toxicology and Pharmacotherapy".

### **Scientific and publication activity:**

For the current competition chief assist. prof. Maya Radeva-Ilieva presents a habilitation thesis/monograph and 20 scientific publications after acquiring the educational and scientific degree "Doctor". Of all publications – 8 are published in journals that are referenced and indexed in world-renowned databases of scientific information (Scopus and/or Web of Science), and 6 are published in IF journals. The remaining 12 publications are in non-refereed journals. In 3 of the publications submitted for participation in the competition, the candidate is an independent author, in 1 of them she is the first author, and in 11 of the publications she is the second or third author. Maya Radeva-Ilieva co-authored three teaching aids for pharmacy students (2017-2022).

**The total IF of the journals in which the candidate has publications is 14,495.**

The scientific research of the chief assist. prof. Maya Radeva-Ilieva, PhD have an indisputable contribution in the field of Pharmacology, as evidenced by the presented reference for citations in world-famous databases at this time: SCOPUS – 19 citations (h-index 2); Web of Science – 16 citations (h-index 2); Google Scholar – 48 citations (h-index 4).

The candidate's monograph on the topic "*Health benefits and risks of phytoproducts containing polyphenols*" reflects her growth as a scientist. The presented monographic work deals with a current and significant topic related to the use of phytoproducts and their interactions with drugs. The problem of drug interactions is extremely relevant throughout the world and requires deep knowledge.

Chief assist. prof. Maya Radeva-Ilieva has participated in 25 scientific events of which 16 are international and 9 are national. She is a participant in the research team of 2 scientific projects funded by MU-Varna.

In the reference for the minimum requirements for occupying the academic position "ASSOCIATE PROFESSOR", the candidate exceeds the required scientometric indicators.

### **Conclusion**

Chief Assist. Prof. Maya Radeva-Ilieva, PhD, hold the educational and scientific degree "Doctor" in the specialty "Pharmacology/incl. pharmacokinetics and chemotherapy/" and specialty in Pharmacology and Pharmacotherapy that are directly related to the current competition – occupying of the academic position "ASSOCIATE PROFESSOR" in Pharmacology. The scientific activity of the candidate significantly exceeds the required qualitative and quantitative scientometric indicators laid down in the Law on the Development of the Academic Staff in the Republic of Bulgaria (LDASRB), as

well as the Regulations of the MU-Varna for the acquisition of the academic position "ASSOCIATE PROFESSOR". All this allows me to confidently suggest to the members of the honorable Scientific jury to vote **POSITIVELY** for the occupation of the academic position "ASSOCIATE PROFESSOR" from **chief assist. prof. Maya Radeva-Ilieva, PhD**, in the field of higher education 7. Healthcare and sports, professional field 7.3. Pharmacy, in the scientific specialty "Pharmacology" for the needs of the Department of "Pharmacology, Toxicology and Pharmacotherapy", Faculty of Pharmacy at MU-Varna.

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/Prof. Dr. Marieta Petrova Georgieva, PhD/