

STATEMENT

by Assoc. Prof. Dr. Yana Dimitrova Bocheva, PhD

Head of the Department of Clinical Laboratory

MU "Prof. Dr. Paraskev Stoyanov", Varna

Member of the Scientific Jury, appointed by order No. R-109/381/26.09.2022 of the Rector of the Medical University "Prof. Dr. Paraskev Stoyanov" – Varna

Regarding: Competition for the academic position of "Associate Professor" in professional direction 7.1 Medicine and scientific specialty "Clinical laboratory" in the department "Clinical laboratory", at Medical University "Prof. Dr. Paraskev Stoyanov"-Varna for the needs of the department "Clinical laboratory". Faculty of Medicine, Medical University "Prof. Dr. Paraskev Stoyanov" – Varna

Brief information about the competition:

By order No. P-109/ 381/26.09.2022 of the Rector of Medical University "Prof. Dr. Paraskev Stoyanov"-Varna, I have been appointed to prepare an opinion on a competition for the academic position of "Associate Professor", announced in the State Gazette no. 59/26.07.2022

All requirements and deadlines for the competition procedure have been met.

Dr. Irena Ivanova is the only candidate for the position.

The documents have been prepared in accordance with the requirements of Development of Academic Staff in the Republic of Bulgaria Act, the Regulation for its implementation and The Regularities of the development of the academic staff of the Medical University "Prof. Dr. Paraskev Stoyanov"- Varna.

Biographical data for the candidate:

Dr. Irena Ivanova was born on 15.05.1978. in the city of Ruse. She graduated from the Medical University of Plovdiv in 2003. In 2009 acquired a specialty in Clinical Laboratory, and in 2018 - completed a master's degree in Public Health and Health Management at Sofia Medical University. For the period 2014-2016 she is a PhD student at the Department of "Clinical Laboratory and Clinical Immunology" at MU-Sofia, majoring in "Clinical Laboratory". She successfully defended her dissertation for acquiring the PhD in 2016. in MU-Sofia. Her language skills in English are excellent.

From 2003 to 2005 Dr. Irena Ivanova works as a resident in the III-th Internal Department of "Pazardzhik" Multiprofile Hospital; from 2005 to 2009 she is a clinical resident in Clinical Laboratory at the Clinical Laboratory of the University Hospital "St. Ivan Rilski"-Sofia, and since 2010 is the head of the same laboratory.

The teaching experience of Dr. Irena Ivanova began in 2016 as an assistant in the Department "Clinical Laboratory", MU-Sofia in the discipline "Clinical Laboratory" to students in Medicine, and the discipline "Clinical Chemistry" to students in Pharmacy till 2021. Since 2016 until now, Dr. Ivanova is a part-time teacher in "Clinical Chemistry" and "Clinical Practicum" at the "Chemistry" Department of the Faculty of

Science and Mathematics, South West University "Neofit Rilski" - Blagoevgrad, and for the academic year 2021-2022 she is a part-time academic teacher in the specialty "Clinical Chemistry" at the "Analytical Chemistry" Department, Faculty of Chemistry and Pharmacy at the University of St. Kliment Ohridski - Sofia.

Scientific and research activity:

The candidate, Dr. Irena Ivanova, submits for the competition an author's reference for: dissertation work - 1 issue on the topic "Copper status - laboratory aspects and clinical application in some pathological conditions" 2016. , habilitation thesis-monograph "Copper exchange - physiological mechanisms and clinical applications", 2022; full-text publications in journals - 15 issues, published abstracts in scientific journals, referenced and indexed in global databases - 2 issues, published abstracts in non-refereed Bulgarian journals-4 issues, published chapter of a collective monograph-1 issue.

The scientific publications in scientific journals are as follows: 16 publications in English, 5 publications in Bulgarian; 13 publications in scientific journals, referenced and indexed in global databases, 8 publications in non-refereed scientific journals; 21 co-authored publications, 10 publications as a lead author. The author's reference for participation in scientific forums abroad and in Bulgaria of Dr. Irena Ivanova, PhD. includes 15 participations with published abstracts in scientific forums abroad and 14 participations in scientific forums in Bulgaria.

Dr. Irena Ivanova presents 1 full-text publication with 4 citations in an Academic reference from the Library of the Medical University "Prof. Dr. Paraskev Stoyanov"-Varna and a reference from the National Library "St. St. Cyril and Methodius" for 11 publications with 42 citations in scientific journals, databases Web of Science, Google scholar, Scopus, library.ru (the latter are not included in the total number of points according to criteria for the needs of this competition).

Compliance with the requirements for awarding the academic position of " associate professor " to the candidate according to the minimum national requirements set out in the Development of Academic Staff in the Republic of Bulgaria Act, the Regulation for its implementation and The Regularities of the development of the academic staff of the Medical University "Prof. Dr. Paraskev Stoyanov " - Varna.

Research activity:

Dr. Irena Ivanova participated in the competition for the academic position of " associate professor " with 24 scientific works, distributed as follows:

- PhD thesis on the topic "Copper status - laboratory aspects and clinical application in some pathological conditions", MU-Sofia, 2016 according to the scientific specialty of the announced competition; (50 points for indicator A1).
- Habilitation thesis - monograph "Copper exchange - physiological mechanisms and clinical applications", Sofia; CML; 2022.139c ISBN:978-619-7491-50-0 (100 points for indicator B3)
- 12 scientific publications in journals that are referenced and indexed in world-famous databases with scientific information (only Scopus and Web of science) - (157.02 points for indicator G7)
- 8 scientific publications in journals that were published in non-refereed journals with scientific review (63.53 points for indicator G8)

- Published chapter of a collective monograph (5 items for category G9)
- Citations in scientific publications, refereed and indexed in world-famous databases with scientific information or in monographs and collective volumes - 1 publication with 4 citations (60 points for indicator D10)
- Full-text publications in scientific journals and anthologies, beyond the minimum scientometric requirements for for the academic position of "Associate Professor" - 1 item (10 points)
- • Dr. Ivanova's publications have a Total IF: 7,869;

Table. 1. Compliance with the scientometric requirements of MU-Varna for occupying the academic position of "associate professor"

Indicator group	Required points	Number of points based on the evidence presented by the candidate
A1	50	50
B 3	100	100
G	200	225,55
D	50	60

Specialties and qualifications:

Dr. Irena Ivanova holds a specialty in Clinical Laboratory and a master's degree in Public Health and Health Management.

Participation in research projects:

Dr. Irena Ivanova participated in 9 scientific projects according to the CV presented in the set of documents.

Teaching activities:

Dr. Irena Ivanova provides certificates for a total teaching experience of 5 academic years:

- 660 teaching hours as a part-time academic teacher in the discipline "Clinical Laboratory" in the department "Clinical Laboratory", MU-Sofia for students of Medicine, English and Bulgarian language training and the discipline "Clinical Chemistry" for students of Pharmacy.
- 465 teaching hours as a part-time academic teacher in the specialty "Clinical Chemistry" and "Clinical Practicum" at the "Chemistry" Department of the Faculty of Science and Mathematics, South West University "Neofit Rilski" - Blagoevgrad.
- 60 teaching hours as a part-time academic teacher in the specialty "Clinical Chemistry" at the Department of "Analytical Chemistry", Faculty of Chemistry and Pharmacy at Sofia University "St. Kliment Ohridski".

Professional experience and participation in medical and diagnostic activities:

Dr. Irena Ivanova has worked for 2 years as a resident in the III-rd Internal Department of "Pazardzhik" Multiprofile Hospital and for 17 years as a laboratory physician in the Clinical Laboratory of UMBAL St. Ivan Rilski"-Sofia, 13 years of which as a specialist and in terms of professional qualification she fulfills the requirements for occupying the academic position of "associate professor".

Scientific contributions of Dr. Irena Ivanova

The presented scientific works and publications of Dr. Ivanova are thematically distributed in such a way that they shape the interests and scientific contributions in the following directions:

1. Trace element analysis
2. Neurodegenerative diseases
3. Copper - an essential trace element
4. Markers for the study of stress, liver pathology, kidney diseases.

Membership in scientific societies and organizations:

Dr. Irena Ivanova is a member of the Bulgarian Scientific Society in Clinical Laboratory, the Federation of Laboratory Medicine in Russia and the European Federation of Clinical Laboratory and Laboratory Medicine (EFLM). Dr. Ivanova is a member of the editorial board of "Pathology and Laboratory Medicine".

Conclusion:

Dr. Irena Ivanova, MD, is an extremely well-prepared physician in the field of clinical laboratory. The scientific works, which fully meet the requirements of the Law on the Development of the Academic Staff in the Republic of Bulgaria and the Regulations on the Development of the Academic Staff at Medical University of Varna, are an expression of the high professional culture, preparedness and erudition of Dr. Ivanova and will undoubtedly be the basis of her subsequent scientific and teaching success.

All this allows me to express my positive assessment and to recommend to the Honorable Scientific jury to award Dr. Irena Dimitrova Ivanova with the academic position of "Associate Professor" in the field of higher education 7. Health and sports, professional field 7.1. Medicine, specialty Clinical laboratory for the needs of the Department of Clinical Laboratory at the Faculty of Medicine of the Medical University of Varna.

5th December 2022

Varna

Reviewer: Yana Dimitrova Bocheva, MD, PhD

