

## STATEMENT

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Member of Scientific Jury, defined with Order No P-109-159/14.04.2022 of the Rector of Medical University "Prof. D-r Paraskev Stoyanov", Varna

**Subject:** Award of the academic position of Associate Professor in the field of higher education 4. Natural sciences, mathematics and informatics, professional field 4.3. Biological sciences, and in scientific specialty "Biology", for the needs of Department of Biology, Faculty of pharmacy, Medical University – Varna, according to an announcement in the State Gazette, No. 14 from February 18, 2022.

The current competition for Associate Professor in Biology has been announced in accordance with the Law for the development of the Academic Staff in the Republic of Bulgaria and the Rules for the Development of the Academic Staff of the Medical University – Varna. I was presented the documentation of a single candidate in the announced competition – Chief. Assit. Prof. Galina Alexieva Yaneva, PhD.

The participant in the competition has submitted the necessary documents in accordance with the Law for the development of the academic staff in the Republic of Bulgaria and the Regulations for its implementation and the Rules for the development of the academic staff of Medical University – Varna.

### **Biographical data**

Galina Alexieva Yaneva graduated as a Medical Laboratory Assistant at the Medical College - Varna in 1996, after which she worked as such in the Serological Laboratory at the Clinic of Venereal Venereal Diseases at St. Anna Hospital EAD, Varna. In the period 1998-2004 he studied biology at the University of Plovdiv "Paisii Hilendarski". She worked as a biologist in the Immunohistochemical Laboratory at the Clinic of General and Clinical Pathology at the University Hospital "St. Marina" EAD, Varna in the period 2005-2009, then in 2009 she was appointed "Assistant" in the Department of Biology at the Faculty of Pharmacy, Medical University - Varna, and in 2019 after a competition she was appointed assistant professor in the same department where she works to this day. In 2016 he acquired the specialty "Medical Biology".

### **Research activity**

Galina Yaneva defended her PhD thesis in 2019 at the Medical University - Varna with the topic of the dissertation "*Medical-dermatoglyphic study of finger and palm images in women with breast cancer in Northeastern Bulgaria.*" Thus, in area 4. Natural Sciences, Mathematics and Informatics the candidate has the required **50 points on Indicator A1.**

The scientific activity of the candidate is in several different directions, which reflects her active participation in the wide range of scientific research conducted in the Department of Biology at the Medical University - Varna.

These areas, as she points out, are:

- 1) dermatoglyphics of breast cancer
- 2) immunohistochemistry of breast cancer
- 3) social epidemiology of breast cancer and quality of life of patients
- 4) ethnobotany of medicinal plants and wild mushrooms, botany of new species and ecological toxicity of lichens
- 5) *in vitro* fertilization
- 6) features of ozone in the COVID-19 pandemic
- 7) alternative RNA maturation
- 8) clinical application of platelet-rich plasma
- 9) bone anatomy

Among her scientific articles, the contribution of clarifying some dermatoglyphic characteristics in connection with breast cancer stands out as the most significant. The monograph is also devoted to this disease, in which the author has gathered in one place a large amount of diverse information on different diagnostic methods, types of laboratory tests (histological and molecular biological) and some epidemiological data. Information on the diagnostic and prognostic role of the data that these studies can provide is also provided, and personal experience in immunohistochemical studies in breast cancer is shared. An important advantage of the monograph is its publication in English, which allows it to be useful for foreign researchers, students and professionals who are interested in the topic.

#### **Publication activity**

Galina Yaneva is the author of one monograph entitled "*NEWS IN THE PROGRESS OF IMMUNOHISTOCHEMICAL STUDIES IN BREAST CANCER*", year of publication - 2020. The volume and format of the monograph meet the criteria in Rules for the Development of the Academic Staff of the Medical University – Varna

#### **The minimum and mandatory requirement of 100 points under Indicator B3 is fulfilled.**

For her participation in the announced competition for "Associate Professor" in "Biology" Galina Alexieva Yaneva has presented 16 scientific papers in full text, published in peer-review and indexed in Web of Science and/or Scopus databases. All of them reflect research that is in the scientific specialty "Biology", for which the competition for academic degree "Associate Professor" in "Biology" has been announced.

The citation index (h-index, according to SCOPUS) of the candidate is 5.00. The total number of points from the publications presented in the reference for fulfillment of minimum national requirements for the academic position "Associate Professor" in refereed and indexed in Web of Science and/or Scopus journals (Indicator Γ7) is **254**, fulfilling and exceeding the minimum requirement of 200 points according to this criterion for holding the academic position "Associate Professor". In addition, the candidate has submitted **21** other publications, outside the minimum

scientometric requirements for occupation of the academic degree "Associate Professor". The total impact factor (IF) of the journals in which Galina Yaneva has published is **10,316**.

For participation in the competition for "Associate Professor" Galina Yaneva has presented evidence for a total of 26 citations of 15 of the scientific publications in which she is a co-author, which contributes to a total of **52 points**, which exceeds the minimum requirement of 50 points Д11.

According to the criteria for the position of Associate Professor, reflected in the Regulations for the Development of the Academic Staff of the Medical University - Varna, the total number of points of Galina Aleksieva Yaneva's indicators are: **50 points on Indicator A1** (*Dissertation for awarding educational and scientific doctor's degree*); **100 points on Indicator B3** (*Habilitation thesis - monograph*); **254 points on Indicator Г7** (*Scientific publication in publications that are referenced and indexed in world-famous databases with scientific information (Web of Science and Scopus), outside the habilitation thesis*); **52 points on Indicator Д11** (*Cited in scientific journals, monographs, collective volumes and patents, referenced and indexed in world-renowned databases of scientific information (Web of Science and Scopus)*): **In total: 456 of the required 400 points.**

### **Teaching activity**

The candidate has teaching experience as an assistant (10 years 3 months and 11 days) and as a senior assistant (2 years 9 months and eight days) in the Department of Biology at the Medical University - Varna. Thus, the time in which he held the academic position of "assistant" and "chief assistant" exceeds the minimum requirement of five years, according to the Regulations for the development of academic staff at the Medical University "Prof. Dr. P. Stoyanov" - Varna.

During his teaching internship ch. assistant professor Galina Yaneva has conducted practical classes in Bulgarian and English, and the number of hours for each of the last five years exceeds 400 hours.

### **CONCLUSION**

In conclusion, according to the materials and documents presented to me for a statement, I believe that the scientific interests and contributions of Galina Alexieva Yaneva are in accordance with the profile of the announced competition. All mandatory indicators according to the criteria of the current minimum national requirements and those set in the Regulations for the development of academic staff at the Medical University "Prof. Dr. P. Stoyanov" - Varna are fulfilled and some are even exceeded.

Based on my overall assessment of her qualities and scientific contributions, as well as her teaching activities, I believe that chief assistant professor Galina Alexieva Yaneva, PhD meets all the requirements for obtaining the academic degree "Associate Professor", reflected in the "Law on the Development of Academic Staff of the Republic of Bulgaria" and those in the "Regulations for the development of academic staff at the Medical University "Prof. Dr. P. Stoyanov" - Varna".

Based on this, I give a **positive** assessment and confidently suggest to the esteemed members of the specialized Scientific Jury to award chief assistant professor Galina Alexieva Yaneva, PhD, the academic position of "ASSOCIATE PROFESSOR" in the scientific specialty "Biology", in the professional field 4.3. Biological Sciences, for the needs of the Department of Biology, Faculty of Pharmacy, Medical University "Prof. D-r Paraskev Stoyanov" – Varna.

14.06.2022

Varna

Member of Scientific Jury:

/Assoc. Prof. Yoana Kiselova-Kaneva, PhD/

