

# A STATEMENT

by Prof. Dimcho Zahariev Ivanov, PhD  
Bishop Konstantin Preslavsky University of Shumen,  
in connection with the procedure for holding the academic position "Associate Professor"  
in the scientific specialty "Biology", professional field 4.3. Biological Sciences,  
field of higher education 4. Natural Sciences, Mathematics and Informatics, for the needs of the  
Department of Biology at the Faculty of Pharmacy of the Medical University "Prof. Dr. Paraskev  
Stoyanov" - Varna, announced in the State Gazette No. 14 / 18.02.2022

## 1. General remarks.

By order No. P-109-159 / 14.04.2022 of the Rector of the Medical University "Prof. Dr. Paraskev Stoyanov" - Varna I am included in the scientific jury on the announced procedure for holding the academic position of "Associate Professor" and I am determined to prepare a statement. One candidate has submitted documents for participation – Chief Assistant Galina Aleksieva Yaneva, PhD.

## 2. Brief biographical data.

Chief Assistant Galina Aleksieva Yaneva, PhD was born on November 26, 1975. She graduated in Medical Laboratory at the Medical College - Varna in 1996. She graduated in Biology (Master's Degree) at Plovdiv University "Paisii Hilendarski" in 2004. She specialized in "Medical Biology" in the period 2012-2016. Her professional development began as a medical laboratory assistant in 1997 in the Serological Laboratory at the Clinic of Venereal Venereal Diseases at MHAT "St. Anna" EAD, Varna. In 2005 she started working as a biologist in the Immunohistochemical Laboratory at the Clinic of General and Clinical Pathology at the University Hospital "St. Marina" EAD, Varna. In 2009 she was appointed an assistant in the Department of Biology at the Faculty of Pharmacy of the Medical University - Varna. In 2018 she obtained an educational and scientific degree "Doctor of Philosophy" (PhD) and from 2019 she was appointed to the position of "Chief Assistant".

## 3. General description of the presented materials.

The set of materials submitted for participation in the procedure includes 38 publications and 26 citations, which do not repeat those submitted for obtaining the educational and scientific degree "Doctor of Philosophy" and for holding the academic position of "Chief Assistant".

The list of publications submitted for participation in the procedure for holding the academic position of "Associate Professor" includes 38 titles, divided into the following groups:

1. Monograph - 1 in number.
2. In editions that are referenced and indexed in world-famous databases with scientific information (Web of Science and SCOPUS) - 16 in number, of which 2 in number in editions with Q2 and 1 in number in an edition with Q1. These 3 articles are in journals, referenced and indexed in the Web of Science, with a total Impact Factor of 10,316.
3. In unrefereed journals with scientific review and in edited collective volumes – 21 in number.

In addition to these publications, there is a list of publications related to obtaining the educational and scientific degree "Doctor of Philosophy" (out of procedure) - 3 in number and a

list of publications submitted for participation in the competition for the academic position "Chief Assistant" (outside the procedure) – 3 in number.

All citations with which the candidate participates in the procedure are in journals, referenced and indexed in world-famous databases of scientific information (Web of Science).

The presented materials fully meet the national mandatory scientometric requirements for holding the academic position of "Associate Professor" and the criteria in the Regulations for the development of academic staff at the Medical University - Varna.

#### **4. Main directions in the research work of the candidate and the most important scientific and scientific-applied contributions.**

The research work of Chief Assistant Galina Yaneva, PhD is focused on several main areas: 1. Research on various aspects related to breast cancer, 2. In vitro fertilization, 3. Ethnobotany, 4. Features of ozone in the pandemic with COVID-19, 5. Alternative RNA maturation, 6. Clinical application of platelet-rich plasma, 7. Bone anatomy. Based on the published results, the following most important contributions can be identified:

##### **Scientific contributions:**

- Ethnobotanical study on the knowledge of edible wild mushrooms among the population in Varna district (G7, Publications No. 4 and No. 5).

##### **Scientific-applied contributions:**

- Development of a method for determining zygoty using an algorithm of dermatoglyphic indicators, which can be combined with analysis of blood groups (G7, Publication No. 1).

- Study of the dermatoglyphic features of fingerprints in people with mental illness (G7, Publication No. 2).

- Study of the dermatoglyphic features of fingerprints in breast cancer (G7, Publication No. 3).

- Establishing the influence of infertility and the method of fertility on the frequency of premature birth and low birth weight in singleton pregnancies achieved by *in vitro* fertilization (G7, Publication No. 10).

- Establishing the risks of childbirth and postpartum complications in singleton pregnancies after *in vitro* fertilization (G7, Publication No. 11).

- Establishing a higher incidence of neonatal IGV in singleton pregnancies after *in vitro* fertilization compared to spontaneous pregnancies (G7, Publication No. 12).

##### **Contributions to the monographic work:**

- Establishing the peculiarities of the specific histological and molecular subtypes of breast cancer with respect to the stage of differentiation.

- Establish the presence of only positive or only negative expression of receptors and their combinations.

- Establishment of favorable and unfavorable prognostic values in individual patients.

#### **5. Participation in scientific forums and research projects.**

The set of documents presents a list of 8 participations with reports or posters in 8 different

scientific forums held in Bulgaria. In 6 of them Chief Assistant Galina Yaneva, PhD is the first author, 3 of them are poster appearances and 3 are reports. The autobiography mentions one participation in a research project.

#### **6. Teaching activities.**

From the certificate for teaching experience presented in the documentation it can be seen that the candidate has 13 years of teaching experience. The annual workload for the last 5 school years (excluding the current one) varies from 466 to 525 school hours with a standard of 360 school hours. She teaches the discipline of Biology for the specialties "Master Pharmacist" and "Assistant Pharmacist" and the discipline Biology in Human for the specialties "Medicine BEO", "Medicine AEO", "Dental Medicine BEO", and "Dental Medicine AEO".

She participated in the development of a course of exercises and lectures in the discipline of Biology for the specialties "Master Pharmacist" and "Assistant Pharmacist". She is involved in the development of test combinations for the written exam in the BLACKBOARD system.

#### **7. Critical remarks and recommendations.**

I recommend directing future research to a small number of scientific fields and maintaining their interdisciplinary nature.

#### **8. Conclusion.**

The materials presented under the announced procedure by Chief Assistant Galina Aleksieva Yaneva, PhD fully comply with the minimum national requirements for holding the academic position of "Associate Professor" of ZRASRB and additional requirements according to the Regulations for the development of academic staff at the Medical University - Varna. Scientific publications and established citations are sufficient in number and quality.

In conclusion, I give my POSITIVE assessment and propose to the esteemed scientific jury to vote positively, and to the Faculty Council of the Faculty of Pharmacy of the Medical University - Varna to choose Chief Assistant Galina Aleksieva Yaneva, PhD of the academic position "Associate Professor" in the scientific specialty "Biology", professional field 4.3. Biological Sciences, field of higher education 4. Natural Sciences, Mathematics and Informatics.

June 13, 2022

Member of the scientific jury:

  
(Prof. Dimcho Zahariev, PhD)