

**REVIEW**

**BY**

**ASSOC. PROF. GEORGI TOMCHEV TOMOV, DMD, PHD**

**DEPARTMENT "PERIODONTOLOGY AND ORAL MUCOSA DISEASES"**

**FACULTY OF DENTAL MEDICINE, MEDICAL UNIVERSITY - PLOVDIV**

**MEMBER OF A SCIENTIFIC JURY OF A COMPETITION FOR  
"ASSOCIATE PROFESSOR" (PUBLISHED IN SG. 63 FROM 30.07.2021),  
APPROVED BY ORDER OF THE RECTOR (P - 1893/ 25.10.2021) IN  
SCIENTIFIC SPECIALTY "PERIODONTOLOGY AND ORAL MUCOSA  
DISEASES" IN THE FIELD OF HIGHER EDUCATION 7. HEALTH AND  
SPORTS, PROFESSIONAL STRAND 7.2 DENTAL MEDICINE**

**AT THE DEPARTMENT OF PERIODONTOLOGY AND ORAL MUCOSA  
DISEASES,**

**FACULTY OF DENTAL MEDICINE, MEDICAL UNIVERSITY OF PLOVDIV**

**One candidate participates in this competition: Senior Assist. Prof., Blagovesta  
Konstantinova Yaneva, PhD**

The competition is held in accordance with the Law for the Development of the Academic Staff, the Regulations for its application and the Regulations for the development of the academic staff in MU - Plovdiv. The documents of the candidates are formed and submitted in accordance with the requirements of MU - Plovdiv.

#### **I. Biographical data and career profile of the candidate**

Dr. Blagovesta Konstantinova Yaneva was born on September 2, 1985 in the city of Burgas. In 2010 she graduated in dental medicine in Plovdiv. Since September 2014 she is an assistant professor at the Department of Periodontology and Oral Diseases - FDM-Plovdiv. From April 2011 to April 2014 she was a full-time doctoral student at the Department of Periodontology and Oral Diseases. In 2014 she defended a dissertation for the award of educational and scientific degree "Doctor" on "*Application of ER: YAG laser in the treatment of moderate chronic periodontitis*". Since February 2018 she has acquired a specialty in Periodontology and diseases of the oral mucosa. She has an

experience of 2 years and 6 months as an assistant professor and as ch. assistant professort - 4 years and 5 months.

## **II. Scientific and teaching activities of the candidate**

Dr. B. Yaneva's research activities is entirely in the field of the announced competition with a predominant focus on lasers applications in periodontology, and research and development of innovative products for oral health (mouth washes and oral probiotics).

Dr. B. Yaneva had presented 11 publications and reports published in scientific journals, referenced and indexed in world-famous databases of scientific information (only Scopus and Web of science), as well as 14 publications and reports published in non-refereed journals with scientific review or in edited collective volumes.

Detailed citations are described in SCOPUS/WOS - 18 in number, citations in monographs and collective volumes with scientific review - 7 in number, citations in non-referenced scientific publications - 16 in number.

A list of 27 scientific forums with posters and oral presentations at home and abroad after 2012, numerous documents from additional qualification courses and memberships are presented.

Currently Dr. B. Yaneva is a Senior Assist. Professor at the Department of Periodontology and Oral Mucosa Diseases at the Faculty of Dental Medicine, MU - Plovdiv and part of the team of the Laser Center at the Research Institute of the Medical University – Plovdiv (RIMUP). She is an active member of the Bulgarian Society of Periodontology and the Bulgarian Dental Laser Society. During the Academic 2020/21 year, Dr. Yaneva had classes with Bulgarian- and English-speaking pregraduate students.

### **Monographic work**

The monograph "Application of lasers in periodontology" presents an up-to-date, illustrated and well-documented reading of the basics of laser physics and the application of lasers in the treatment and diagnosis of periodontal diseases. A detailed protocol and all parameters such as type of laser device, operating mode, power, etc. are described. The advantages and disadvantages of the types of laser systems recommended for different treatment techniques are reflected. Combining theory and practice, illustrations and useful summary tables give the reader an understandable and well-presented guide.

## **III. Yields**

In 2014, Dr. B. Yaneva published an article (in authorship with G. Romanos) in a journal with IF, which was cited 13 times in peer-reviewed and indexed in Scopus and Web of

Science and 11 times in international non-peer-reviewed journals. The article contains original scientific data regarding the antibacterial effect of Er: YAG laser in the treatment of periodontitis. This value of this publication is beyond the national periodontal society but has international significance in the field.

In 2017, under the leadership of Dr. Blagovesta Yaneva, an intramural project SDP-04/2017 was launched on the topic: “*Study of the antimicrobial activity of probiotic strains of lactobacilli and bifidobacteria against periodontal pathogens*”. The project demonstrates the antibacterial activity of probiotic strains in vitro and has been extended to a pilot in vivo clinical study examining the antimicrobial activity against periodontal pathogens of probiotic strains contained in yogurt. Further the project was extended with the participation of the Sweden based Company BioGaia.

In 2020, Dr. Blagovesta Yaneva leads a research project on: “*Study of the clinical effectiveness of five types of mouthwashes*”. New mouthwashes with ingredients such as prebiotics and a combination of essential oils and chlorhexidine have been studied. The study was registered in an international research database: Clinical Trials, Protocol registration and results system, Receipt 28 January 2021, ID: NCT04733196. The results are published and presented during international scientific conference. The practical outcomes are 5 innovative mouthwashes, now available on the Bulgarian market.

**IV. General assessment of the compliance of the candidates with the mandatory conditions and the mandatory quantitative criteria and indicators according to the ADASRB and RAADASRB**

Based on the materials presented by the candidate, I propose the following table, which shows the distribution of the candidate's scientific papers achievements to the minimum requirements for AP "ASSOCIATE ASSOCIATE" in MU-Plovdiv (Table 1).

Table 1. Scientometric indicators - minimum and fulfilled by the candidate

Groups of indicators	Content	Values	Minimum points required for Assoc. Professor position	Dr. Blagovesta Yaneva
A	1. Dissertation for the award of educational and scientific degree "PhD"	50	50	50
B	2. Dissertation for the award of educational and scientific degree "Doctor of Science"	100		-
B	3. Habilitation thesis - monograph	100	100	100

	<b>4. Habilitation work - scientific publications (not less than 10) in publications that are referenced and indexed in world-famous databases of scientific information</b>	<b>60/n for each publication</b>		-
Г	<b>5. Published monograph, which is not presented as a major habilitation thesis</b>	<b>100</b>	<b>200 points</b>  15 articles, of which 10 in journals referred to in Scopus and / or Web of Science, including 2 articles with IF	-
	<b>6. Published book on the basis of a defended dissertation for the award of an educational and scientific degree "PhD" or for the award of a scientific degree "Doctor of Science"</b>	<b>40</b>		-
	<b>7. Publications and reports published in scientific journals, referenced and indexed in world-famous databases of scientific information</b>	<b>60/n or distributed in a ratio based on a contribution protocol</b>		<b>247,5</b> <b>3 articles with IF</b>
	<b>8. Публикации и доклади, публикувани в нереферирани списания с научно рецензиране или публикувани в редактирани колективни томове</b>	<b>30/n or distributed in a ratio based on a contribution protocol</b>		<b>215</b>
	<b>9. Published chapter of a collective monograph</b>	<b>20/n</b>		-
Д	<b>10. Citations or reviews in scientific journals, referenced and indexed in world-famous databases of scientific information or in monographs and collective volumes</b>	<b>15</b>	<b>100 points</b>  7 citations in journals referred to in Scopus and / or Web of Science	<b>285</b> <b>19 citations in Scopus/Web of Science</b>
	<b>11. Cited in monographs and collective volumes with scientific review</b>	<b>10</b>		<b>70</b>
	<b>12. Citations or reviews in unreferred scientific peer-reviewed journals</b>	<b>5</b>		<b>80</b>

E	13. Acquired scientific degree "Doctor of Science"	40	60 points  - 1 scientific project (incl. ISP)  - Acquired medical specialty	-
	14. Supervisor of a successfully defended doctoral student (n is the number of supervisors of the respective doctoral student)	40/n		-
	15. Acquired medical specialty	40		40
	16. Participation in a national scientific or educational project	15		30
	17. Participation in an international scientific or educational project	20		40
	18. Management of a national scientific or educational project	30		60
	19. Management of an international scientific or educational project	40		-
	20. Published university textbook or textbook used in the school network	40/n		-
	21. Published university textbook or textbook used in the school network	20/n		-
	22. Training of interns, postgraduates and doctoral students (seminars and practical classes)	30		30
Ж	<b>Teaching activity:</b>			
	Learning load (lectures and exercises):		250 points (for the past 2 y. X 0.5 p/hour)	312,7
	Academic position:		200 points (Senior Assistant Prof.-100 p. for 1 year.)	400
	<b>Total:</b>		<b>960</b>	<b>1960,2</b>

## Conclusion

Based on the submitted documentation and after the analysis of the achievements of the candidate, I consider that Dr. Blagovesta Yaneva meets the requirements, criteria and indicators for holding the academic position of "Associate Professor" of Periodontology and Oral Diseases in accordance with the Act for the Development of the Academic Staff in the Republic of Bulgaria (ADASRB), Regulations for the Application of the Act for the Development of the Academic Staff in the Republic of Bulgaria (RAADASRB) and the Regulations for the development of the academic staff in MU - Plovdiv.

Thus I propose to the members of the scientific jury to award the academic position "Associate Professor" (Scientific specialty "Therapeutic dental medicine" in the field of higher education 7. health and sports, professional strand 7.2 dental medicine) to Senior Assist. Prof. Dr. Blagovesta Konstantinova Yaneva, PhD.

Plovdiv

December 1, 2021



Reviewer: Assoc. Prof. Georgi Tomov, PhD