

To: The Chairman of the Scientific Jury,  
determined by Order № P-1883 / 22.10.2021.  
of the Rector of MU - Plovdiv  
bul.V.Aprilov 15A  
4002 Plovdiv

**Attached I present: REVIEW**

Regarding the competition for the academic position of **ASSOCIATE PROFESSOR** in the scientific specialty "Social Medicine and Organization of Health and Pharmacy" for the needs of teaching in the Department of Social Medicine and Public Health (SMPH) at the Faculty of Public Health (FPH) of MU - Plovdiv, publ. in SG, no. 63 of 30.07.2021, with correction in SG, issue 66 of 10.08.2021.

**Reviewer:** Prof. Dr. Krassimira Yaneva-Ribagina, PhD

Scientific specialty: Public Dental Health

Medical University, Sofia, Faculty of Dental Medicine (FDM)

Department of Dental Public Health

**Address and contacts:**

1431 Sofia

1 G. Sofiyski Blvd.

Faculty of Dental Medicine

e-mail: [krassimira.yaneva@fdm.mu-sofia.bg](mailto:krassimira.yaneva@fdm.mu-sofia.bg)

telephones: +359888982195; 029542745

One candidate is admitted to the competition, who submitted the documents on time:

1. Dr. Julia Bogdanova Peeva, PhD

## **I. Career profile of the candidate**

Dr. Julia Bogdanova Peeva was born on October 27, 1971 in Plovdiv. She graduated in dentistry in 1994 with success Very Good (4.72). From 1994 to 2005 she has worked as a dentist in the Municipal Hospital of Rakitovo, Sanatorium-resort complex of Velingrad, Department of Orthodontics of Regional Polyclinic of Plovdiv, and medical representative in the Trade League. Her academic career began in 2005 with her appointment as an assistant in the Department of Social Medicine and Health Management, and since 2016 she continues to work as a chief assistant in the Department of Social Medicine and Public Health of the FPH, MU - Plovdiv.

She has a recognized specialty in "Social Medicine and Health Management" since 2008.

Dr. Peeva acquired the educational and scientific degree "PhD" in the scientific specialty "Social Medicine and Organization of Health and Pharmacy" with successful defense of her theme "Awareness and motivation for orthodontic treatment of children in Plovdiv" in 2015 in MU - Plovdiv.

Dr. Peeva has completed many postgraduate courses in the country and abroad in the field of orthodontics, public health and healthcare, modern technologies in research and teaching, upgrading language skills and more.

As of 13.09.2021 she has experience in the specialty of the competition 16 years 6 months and 13 days, and as a Chief Assistant in the Department - 9 years and 3 months, and continues to work.

Dr. Peeva has an overtime classroom employment of an average of 1045.7 hours/year. In the last three years (2018-19, 2019-20 and 2020-21) her classroom employment is 1060.2, 1044.2 and 1032.8 hours/year, respectively. She actively participates in the student training (lecture, practical exercises and semester exams in the disciplines taught at the Department - Social Medicine, Medical Ethics and Public Dental Health in Bulgarian and English languages) and in the training of interns. Her extracurricular employment is an average 40 hours/year and is expressed in consultations, management of student circles and independent work with students.

The latest attestation assessment (2018-2020) for her academic development, research and teaching activities is Very Good with 74.6 points total.

She is a member of Bulgarian Dental Association (1998), Bulgarian Scientific Association of Public Health (2017), Bulgarian Scientific Association (2006), Bulgarian Orthodontic Society (2018), European Public Health Association (2012), Association of Schools of Public Health in European Region (2016), Athens Institute for Education and Research (2013), Association Medecine Morphologique et Esthetique-FI (2015).



She is a member of the editorial boards of 5 foreign journals, in which she was a reviewer of articles:

- EC Dental Science Journal (reviewer of 2 articles),
- Journal of Oral Medicine,
- American Research Journal of Dentistry (reviewer of 1 article),
- Eastern Academic Journal,
- World Journal of Public Health

Dr. Peeva is fluent in English and Russian languages. She took additional training at NBU for English language specialization.

## **II. General description of the submitted materials for participation in the competition of Dr. Peeva, PhD**

Dr. Julia Peeva presented the necessary documents on electronic media, as provided in the Act for Development of Academic Staff in the Republic of Bulgaria, in its Rules for application and the Regulations of Medical University – Plovdiv.

## **III. Evaluation of the candidate's scientific papers for the overall academic development**

### ***✓ General characteristics of the scientific production and publishing activity***

To analyze her research activity, I used the **Table with the scientometric indicators of Dr. Julia Bogdanova Peeva, PhD (Annex 28)**.

Dr. Peeva participates in the competition with a list of the following **65** publications:

1. Dissertation on "*Awareness and motivation for orthodontic treatment of children from Plovdiv*", 2015, presented with *Abstract*.

2. Sole-author of monograph/habilitation thesis on "*Awareness and motivation for orthodontic treatment through the eyes of orthodontists, children and parents*", 2017, ISBN: 978-954-90363-8-1

3. Sole-author of book on "*Handbook of recommended hygienic requirements for orthodontic treatment*", 2019, ISBN: 978-619-189-128-3

4. Publications in international journals, referenced and indexed in world-renowned databases (Scopus and Web of Science only) - 13 issues, 8 of which are abstracts and 5 full-text publications.

5. Publications related to the dissertation and presented in the abstract - 5 articles.

6. Publications in non-refereed editions, with scientific review or published in edited collective books - 43 issues.

7. Published textbook - 1. *Miteva-Katrandzhieva, Ts., Peeva, J. Bioethics tests. Plovdiv, Macros, (2017), ISBN: 978-954-561-440-1*

8. Participation with scientific reports at forums abroad - 30, and at forums in Bulgaria - 18.

**Table 1: Evaluation of the scientific publications of Dr. Yulia Peeva, PhD**

<b>Publications</b>	<b>The only author</b>	<b>I<sup>st</sup> author</b>	<b>Co-author</b>	<b>Total</b>
Dissertation	1			1
Abstract	1			1
Monograph in Bulgaria	2			2
Publications in journals with IF	2	1	10	13
Publications, related to the dissertation	2	3	-	5
Publications in non-peer-reviewed journals with scientific review	15	8	20	43
<b>Total:</b>	<b>23</b>	<b>12</b>	<b>30</b>	<b>65</b>
<b>%</b>	<b>35.4%</b>	<b>18.4%</b>	<b>46.2%</b>	<b>100%</b>

The dissertation and the abstract are not subject to review.

The monograph / habilitation work published in Bulgaria "*Awareness and motivation for orthodontic treatment through the eyes of orthodontists, children and parents*", 2017, ISBN: 978-954-90363-8-1 is related to her dissertation.

The book "*Manual with hygienic-recommended requirements for orthodontic treatment*", 2019, ISBN: 978-619-189-128-3 is also related to the dissertation.

The textbook - "*Bioethics tests*" is co-authored, with Dr. Peeva as the second author.

The candidate has 13 articles published in prestigious journals, referenced and indexed in world-renowned scientific databases. In three articles she is the sole and first author, and these publications are in the field of dentistry. In the other 10 articles she is a co-author and they present the results of studies in specific areas of medicine - prevention and treatment of cardiovascular diseases, lung diseases, skin diseases, rheumatology and others.

The largest number are the publications related to the dissertation - *Awareness and motivation for orthodontic treatment and factors influencing them*: (Section B.3: monograph, Section Г.6: published book, Г.7: 1,2,3 Г.8: 1,2,3,4,5,6,7,8,9,10,11,12,13,21,27,31,34,37,38,42,43). Several articles are from the field of dental medicine and analyzes of academic training - Г.8: 26,32,33,35,36. The other publications in Section Г.8: 14,15,16,17,18,19,20,22,23,24,25,28,29,30,39,40 and 41 are from the field of human medicine - rheumatology, CVD, dermatology, lung diseases.

Analyzing the scientific production of Dr. Peeva, I group her contributions as follows:



- **Original contributions based on own researches:**

- **Scientific-theoretical** - proving the relationship between the level of awareness and motivation for orthodontic treatment of patients and socio-demographic factors; comparative analysis of the provision of orthodontic treatment for children in EU countries; comparative analysis of teeth and jaws deformities and types of occlusal indices; the motives, attitudes and approaches for learning and exams for students are established.

- **Scientific and practical** - determining the age of the child for the first consultation with an orthodontist; application of statistical scales and indices for validation of results; a practical guide for parents of children in need of orthodontic treatment has been developed; created and validated scale for assessment of operational learning.

- **Affirmative** - proving the role of health awareness of children and parents for orthodontic treatment; the importance of orthodontic treatment for the quality of life and socialization of the individual;

- **Contributions to collective researches and publications:**

- Statistical data processing, organization of the survey, translation into English.

✓ ***Scientific activity - dissemination and application of the scientific and practical achievements of the candidate among the scientific community***

Dr. Peeva has popularized the results of her researches in 65 publications and 48 participations in scientific forums at Bulgaria and abroad. In 53.8% of her publications she is the only and first author, and in 46.2% - a co-author, which is proof that she can work both individually and in a team. Her publications show a good collaboration with colleagues from the Department of Propaedeutics of Internal Medicine.

She has been very active in Erasmus+ teaching exchanges, lecturing / reporting in Turkey (Bursa, 2010), Colombia (Bogota, 2016), Austria (Salzburg, 2014), etc., and has worked actively with foreign students studying at MU - Plovdiv under the Erasmus+ program.

✓ ***Participation in the implementation and management of projects***

Dr. Peeva is a participant in 3 scientific research projects - in 2012, 2013 and 2016, two of them (2012 and 2016) are in the field of human medicine and one project (2013) is in the field of dental medicine.

She is a participant in 1 educational project with European funding under the Erasmus+ program (2017-18).

#### **IV. Evaluation of a monograph or equivalent publications submitted for participation in the competition for "ASSOCIATE PROFESSOR" by the candidate**

Dr. Peeva presents a monograph/habilitation thesis "*Awareness and motivation for orthodontic treatment through the eyes of orthodontists, children and parents*", 2017, ISBN: 978-954-90363-8-1, which is related to her dissertation. This paper describes the importance of orthodontic treatment for the general health and socialization of the individual, as well as the factors that influence the awareness, attitudes and motivation of children and parents to initiate and successfully conduct such treatment. A practically applicable motivational approach to improve the results of orthodontic treatment has been proposed. The monograph is a useful read for both orthodontists and the general public.

The candidate presents the book "*Handbook of hygienic-recommended requirements for orthodontic treatment*", 2019, ISBN: 978-619-189-128-3, in a volume of 45 pages. In it the author gives practical advices of a hygienic nature to preserve biological integrity of the teeth and improving the results of orthodontic treatment - cleaning techniques for fixed orthodontic appliances, diet, etc.

Dr. Peeva presents 13 publications in journals, referenced and indexed in Scopus and Web of Science. In three articles she is the only and first author, and these publications are in the field of dentistry. In the other 10 articles she is a co-author and they present the results of studies in specific areas of medicine - prevention and treatment of cardiovascular diseases, lung diseases, skin diseases, rheumatology and others. As she herself has reflected, her personal contribution to these publications is participation in survey planning, statistical data processing and English translation.

#### **V. Reflection (citation) of the candidate's publications in the national and foreign literature (publication image)**

According to the citations issued by NACID and Medical Library of MU - Sofia for the period 2007 - 2021, 16 publications of Dr. Peeva are cited 65 times, 33 times in Bulgarian journals and 32 times in the Web of Science database. Some citations of her articles (27) in publications by author groups with the participation of I. Peev and/or V. Peev (her relatives) create slight confusion.

#### **VI. Comprehensive assessment of teaching activities, including scientific guidance of students, doctoral students, specialists**

The study load of Dr. Peeva from 1045.7 hours/year for the last 3 school years significantly exceeds the norm. She participates in the lecture, seminar teaching and examinations of students in dental medicine in Bulgarian and English languages in the disciplines of Social Medicine, Medical Ethics and Dental Public Health. She has participated



in the training of interns, in conducting a state exam in Social Medicine, as an examiner in the candidate-student exam in the specialty Management of Health Care.

She is actively involved in the training and development of projects with foreign students under the Erasmus+ program.

She is a co-author of a textbook - Bioethics Tests, in English, which is actively used in the education of English-speaking students.

## VII. Critical remarks and recommendations

I recommend to Dr. Peeva arrange and systematize more carefully the documents for participation in such competitions.

## VIII. General assessment of the candidate's compliance with the minimum national requirements under the Act of Academic Development of Academic Staff in the Republic of Bulgaria (ADASRB) - Art. 2b, paragraph 2 and 3, respectively Art. 2b, paragraph 5, and the specific requirements in the Regulations for academic development in MU – Plovdiv

The data on the compliance of the candidate Dr. Julia Bogdanova Peeva with the requirements of MU - Plovdiv is presented in Table 2:

**Table 2. Compliance of Dr. Yulia Peeva, PhD with the mandatory conditions for occupation the position "Associate Professor"**

Criteria	Minimum requirements	Owned by the applicant
Acquired PhD degree	1	1
Acquired specialty on the area of announced competition	1	Social Medicine and Health Management
To hold position "Assistant" and "Chief assistant" and to have at least 5 years of experience at the field of the competition	Yes 5 years	Yes 16years 6months
Monograph	1	2
Total number of publications	25	65
From them – in journals with IF	3	13
Positive citations	20	64
Teaching books	0	1

Dr. Julia B. Peeva, PhD fully meets the mandatory conditions of MU – Plovdiv for holding the academic position of "Associate Professor".

The data on the compliance of the candidate Dr. Julia B. Peeva, PhD with the national requirements in NACID is presented in Table 3:

**Table 3: Compliance of Dr. Julia B. Peeva, PhD to the national requirements (NACID)**

<b>Indicators</b>	<b>Content</b>	<b>Required number of points for "Associate Professor"</b>	<b>Изпълнение:</b>
<b>A</b>	1.Dissertation	<b>50</b>	50
<b>B</b>	3.Habilitation work	<b>100</b>	100
<b>Г</b>	6. Published book with ISBN related to the dissertation 7. Publications indexed and referenced in Scopus and Web of Science 8. Publications and reports in non-peer-reviewed publications with scientific review or in collectively edited books	<b>Total number of points for Section Г – 200</b>	40 201.26 771.95
<b>Д</b>	10. Citation in publications, referenced and indexed in world-renowned databases 11. Citations in monographs and collective books with scientific review 12. Cited in unreferred journals with scientific review	<b>Total number of points for Section Д – 50</b>	480 165
<b>Е</b>	15. Acquired specialty 16. Participation in a national scientific or educational project 17. Participation of international scientific or educational project 21. Published textbook 22. Internship	<b>Total number of points for Section E – 100</b>	40 60 10 30
<b>TOTAL NUMBER OF POINTS</b>		<b>500</b>	<b>1948.21</b>

The scientometric indicators of Dr. Julia Bogdanova Peeva, PhD exceed many times the required minimum according to national requirements (NACID).

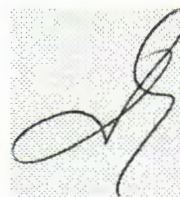
### **IX. Conclusion**

The candidate in the competition for "Associate Professor" at the Department of SMPH of FPH, MU - Plovdiv Dr. Julia Bogdanova Peeva, PhD meets the requirements for academic position "Associate Professor".



I recommend the esteemed scientific jury to choose Dr. Julia Bogdanova Peeva, PhD in the academic position of "Associate Professor" in the scientific specialty "Social Medicine and Organization of Health and Pharmacy" for the needs of teaching at the Department of Social Medicine and Public Health of Faculty of Public Health, MU - Plovdiv.

**REVIEWER:**



**Prof. Dr. Krassimira Yaneva-Ribagina, PhD**

**02 Dec 2021**

I recommend the esteemed scientific jury to choose Dr. Julia Bogdanova Peeva, PhD in the academic position of "Associate Professor" in the scientific specialty "Social Medicine and Organization of Health and Pharmacy" for the needs of teaching at the Department of Social Medicine and Public Health of Faculty of Public Health, MU - Plovdiv.

**REVIEWER:**

A handwritten signature in blue ink, consisting of several loops and a long tail, positioned to the right of the word 'REVIEWER:'.

**Prof.Dr.Krassimira Yaneva-Ribagina, PhD**

**02 Dec 2021**