

## STATEMENT

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**SUBJECT:** Competition for the academic position of "Associate Professor" in Periodontology and Diseases of the Oral Mucosa, in the field of the higher education 7. Health and sports, professional field 7.2. Dentistry, and specialty "Periodontology "Periodontology and Diseases of the Oral Mucosa", published in the Government Newspaper (issue 53 from 12/06/2020) and on an approved proposal by the Faculty Council of the Faculty of Dental Medicine (protocol №27 / 04/08/2020), for the needs of the Department of Periodontology and Dental Implantology at FDM, MU-Varna.

With a decision from a meeting of the Faculty Council of the Faculty of Dental Medicine under protocol №27 / 04/08/2020, and with order № P-109-311 / 07/08/2020 of the Rector of MU-Varna, I was elected a member of the Scientific Jury, and based on Protocol №1 / 17/08/2020 of the meeting of the Scientific jury, I was appointed to prepare a statement on the procedure for obtaining the academic position of "Associate Professor" with a candidate chief assistant professor Dr. Mariya Dimitrova Miteva-Hristova, DMD, PhD in MU-Varna.

Dr. Mariya Miteva, DMD, PhD is the only candidate participating in the competition. According to the regulation, materials are submitted on paper and electronic media, including all necessary documents following the requirements of LDASRB, the Regulations for its implementation, and the Regulations for the development of the academic staff at MU-Varna (Art.126).

### **1. Biographical data and career development**

Dr. Mariya Dimitrova Miteva-Hristova was born in March 25, 1988 in Sliven. She graduated from high school in 2007, and in 2013, she obtained a master's degree in Dentistry at Medical University of Varna (diploma №003553). Dr. Miteva obtained PhD degree in the scientific specialty Therapeutic stomatology in 2017 after presenting a dissertation on topic "Efficiency of high-energy lasers in non-surgical treatment of inflammatory periodontal diseases" (diploma №232 / 20/12/2017), and she acquired a specialty in "Periodontology and Diseases of

the Oral Mucosa” in 2018 (diploma №0225996 / 01/03/2019). She is also specializing “Dental Implantology” since 2019.

Dr. Miteva works as an assistant professor since 2013, and as a chief assistant professor since 2018, in the department of “Periodontology and Dental Implantology” at Faculty of Dental Medicine, MU-Varna. Her total professional and teaching experience as of 20/07/2020 is 6 years 10 months 04 days, and her workload is within the requirements.

## **2. Scientific-metric index**

Dr. Mariya Miteva participates in the competition for Associate Professor with 11 full-text publications that are not related to the dissertation. The scientific production includes: 1 monograph, 1 article in refereed and indexed journal (Web of Science), and 9 articles in peer reviewed journals.

Her PhD thesis on topic “Efficiency of high-energy lasers in non-surgical treatment of inflammatory periodontal diseases” is evaluated by Scientific Jury. **Criterion A of the minimum requirements for obtaining the academic position of “associate professor”, according to LDASRB is fulfilled.**

Dr. Miteva presents different aspects of non-surgical periodontal treatment on 168 pages in her individually published monograph “Non-surgical periodontal therapy – basic principles” (Varna, 2019, ISBN 978-619-221-230-8). Emphasis is on periodontal anatomy, diagnostics of periodontal diseases, instruments and instrumentation, and treatment sequence. The monograph is illustrated with 7 tables and 76 figures. Reviews are written by Prof. Dr. S.Peev and Prof. Dr. T. Georgiev. The topics of the monograph and the dissertation do not overlap, but complement each other wonderfully. **Criterion C of the minimum requirements for obtaining the academic position of “associate professor”, according to LDASRB is fulfilled.**

I accept all publications, presented by Dr. Miteva. Their total score is 270 points (60 points from refereed and indexed journals, and 210 points from peer reviewed journals), with which **criterion D of the minimum requirements for obtaining the academic position of “associate professor”, according to LDASRB is fulfilled.** Topics of the publications are in several areas: non-surgical treatment of inflammatory periodontal diseases, additional means for non-surgical periodontal treatment, choice of treatment modalities for surgical periodontal therapy, imaging diagnostics of the periodontium. Dr. Miteva is single author in 6 of her articles, and first (1) or second (3) author in the rest.

Dr. Miteva has 9 citations: 1 citation in refereed and indexed journal and 8 citations in peer reviewed journals. Thus, **criterion E of the minimum requirements for obtaining the academic position of “associate professor”, according to LDASRB is fulfilled.**

### **3. Assessment of the contributions of the scientific works**

The reference of the contributions of the scientific work and the self-assessment of Dr. Mariya Miteva related to her participation in the competition for Associate Professor testify about her interests in the fields of non-surgical and surgical periodontal treatment, and the methods of imaging diagnostics of periodontium.

Her contributions in the field of non-surgical periodontal treatment are of an applied nature. Dr. Miteva examines in details and step by step the anatomical characteristics of the periodontium, the classification of periodontal diseases, diagnostic methods, tools and the algorithm of work during the treatment. She proves that properly performed mechanical therapy can eliminate the need for surgical periodontal treatment. This can help both students and trainees in their training, as well as general dentists.

Dr. Miteva analyzes the clinical effectiveness of different types of lasers in non-surgical periodontal therapy. She emphasizes the bactericidal effect of lasers, and her conclusions are of an applied-scientific nature.

Dr. Mitevo studies the use of bone grafting materials in surgical periodontal therapy – bone material, membranes and enamel matrix derivatives. The results she describes are of an applied nature.

She also presents the benefits of various imaging studies, including CBCT, in diagnostics, treatment planning, and follow-up of periodontal healing processes.

### **4. Assessment of research and teaching activities**

Dr. Miteva works as an assistant professor since 2013, and as a chief assistant professor since 2018, in the department of “Periodontology and Dental Implantology” at Faculty of Dental Medicine, MU-Varna. She participates in both Bulgarian and English language training of students (seminars and single lectures), and her workload is within the requirements.

Dr. Miteva is also included in the research teams of two scientific projects funded by MU-Varna.

### **5. Critical remarks**

None.

**Conclusion:**

Materials and data, presented by Dr. Mariya Dimitrova Miteva-Hristova, DMD, PhD at the competition, give me the reason to believe that according to the Law for Development of the Academic Staff in the Republic of Bulgaria, the Regulations for implementation of LDASRB, and the Regulations for the development of the academic staff at MU-Varna, the candidate fulfills the conditions for academic position "Associate Professor" of Periodontology and Diseases of the Oral Mucosa. I recommend to the esteemed Scientific Jury to award Dr. Maria Dimitrova Miteva-Hristova, DMD, PhD the academic position "Associate Professor" in professional field 7.2. Dentistry for the needs of the Department of Periodontology and Dental Implantology at the Faculty of Dental Medicine of MU-Varna.

Varna

15/10/2020

Prepared by:



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