

**To the Chairman of the Scientific Jury
determined by Order № P-109-591 / 18.12.2020 of the
Rector of MU of Varna.**

REVIEW

Prepared by Prof. Dr. Rosen Gospodinov Kolarov, PhD
Department of Oral Surgery at the Faculty of Dental Medicine of the Medical
University of Varna.

*Subject: conducting a competition for occupying the academic position of
"ASSOCIATE PROFESSOR" in:*

Field of higher education: 7. Healthcare and sports;

Professional field: 7.2. Dentistry;

Discipline: "Pediatric dental medicine ";

Department: "Pediatric dental medicine" at Faculty of Dental Medicine - Varna,

Promulgated in SG no. 86 of 06.10.2020

According to Order № P-109-591/18.12.2020 of the Rector of MU - Varna, I have been appointed a member of the Scientific Jury with the task of preparing an opinion.

Dr. Dobrinka Mitkova Damyanova, PhD, is the only candidate in the competition. Currently, Dr. Damyanova is a Chief assistant at the Department of Pediatric Dentistry at MU - Varna.

The materials on the competition were provided to me within the statutory period, as the set of documents has been arranged in accordance with the regulations of MU-Varna and is in accordance with the requirements of the Law on the development of the academic staff in the Republic of Bulgaria.

I. Biographical data for the applicant

Dr. Dobrinka Mitkova Damyanova, MD, was born on 15.02.1973. In 1997 she graduated in Dentistry at the Medical University - Sofia with a master educational – qualification degree in dentistry.

From 1997 to 2008 Dr. Damyanova worked as a dentist consecutively in the town of Dimovo, district of Vidin, Central Transport Polyclinic – Sofia, Regional dental clinic - Vidin, "Bucky-dent" Sole trader, as well as in private practice.

In 2003 - acquired specialty in "General Dentistry".

In 2014 - acquired specialty in "Pediatric Dentistry".

From 18.02.2008 to 20.08.2018 Dr. Damyanova was an assistant in the Department of "Pediatric dental medicine" at the FDM at MU - Varna.

Since 20.08.2018 until now he has been a Chief Assistant in the same Department.

From 2015 to 2017 she was a full-time PhD student at the Department of Pediatric Dentistry at MU - Varna.

In 2017, Dr. Damyanova successfully defended her dissertation on **"Prevention and treatment of initial dental caries with fluoride varnishes in children aged 3 to 6 years"** and acquired "PhD" Educational and Scientific Degree.

Dr. Damyanova presented a document for work experience as a lecturer of 12 years and 7 months and total experience in the specialty of 21 years and 4 months.

The last attestation assessment grade of Dr. Damyanova is "very good".

She speaks and writes in English, Russian and Serbian at an excellent level.

II. Research activity of the candidate Dr. Dobrinka Mitkova Damyanova, PhD

Dr. Damyanova participates in the competition with a production of 59 scientific papers. Of these, 37 are subject to review. (excluding those who participated in her dissertation and those in the competition for chief assistant).

Her total scientific production is presented as follows:

- Dissertation -1;
- Publications related to the dissertation – 4;
- Publications related to holding the Academic position of Chief Assistant – 7;
- Monograph, presented as a habilitation thesis – 1;
- Publications in refereed Bulgarian and international journals – 6
- Publications in unrefereed Bulgarian and international journals – 26
- Full text publications outside the minimum scientometric requirements – 5
- Scientific communications at national and international forums – 10

The topic of Dr. Damyanova's dissertation is: **"Prevention and treatment of initial dental caries with fluoride varnishes in children aged 3 to 6 years"** and related publications 4 pcs. Are not subject to review.

The publications related to holding of the academic position of "Chief Assistant" - 7 pcs, are also not subject to review. All have already been reviewed.

Monograph - presented as a habilitation thesis:

"Invasive treatment of irreversible pulpitis of primary teeth" ISBN 978-619-221-255-1.

The monograph contains three main chapters.

The first chapter discusses issues related to the etiology and pathogenesis of the pulp of primary teeth. The etiological factors in the inflammation of the dental pulp are also considered. Clinical outcomes and their significance are reported.

The second chapter deals with the topics related to the classification, clinic and diagnosis of pulpitis in primary teeth. A modern concept of behavior in pulpitis is presented, in terms of some specific studies and the influence of modern materials for restoration.

The third chapter of the monograph presents the methods for endodontic treatment of inflammation of the dental pulp of primary teeth, as well as the results achieved. In addition, the occurrence and resolution of some clinical problems are discussed and analyzed.

The monograph has a volume of 146 pages. The bibliography includes 313 titles, of which 14 are in Cyrillic and 299 are in Latin.

Presented in this way, it is a completed scientific work of practical and scientific value, a valuable tool for practicing pediatric dentists.

Scientific publications in peer - reviewed journals - 37.

- Full-text publications in international journals with impact factor (IF), referenced and indexed in world-famous databases with scientific information (Scopus and Web of Science) - 3 pcs.
- Publications in refereed Bulgarian and international journals – 6
- Publications in unrefereed Bulgarian and international journals – 26
- Full text publications outside the minimum scientometric requirements – 5

Dr. Damyanova is the first author in the 37 of the presented publications. In 14 of them (27%) she is an independent author. 26 of Dr. Damyanova's scientific papers have been published in journals in English, and 11 are in Bulgarian.

Dr. Damyanova's scientific articles have been published in prestigious publications in the country and abroad:

- Int. Journal of Engineering Research and Applications. ISSN 2248-9622.
- Journal of Dental and Medical Sciences (IOSR-JDMS). ISSN 2279-0853.
- Varna Medical Forum. ISSN 2367-5519
- Quest Journals Journal of Medical and Dental Science Research. ISSN 2394-0751
- American journal of Engineering Research. E-ISSN 2320-0847, p-ISSN 2320-0936
- Dental Research and Oral Health. ISSN: 2641-7413
- Archives of Dentistry and Oral Health. ISSN 2638-4809
- Journal of Dental Research, IADR Southeast Asian Division Annual Meeting, ISSN: 0022-0345. Online ISSN: 1544-0591
- International Journal of Public Health Science (IJPHS). p-ISSN: 2252-8806, e-ISSN: 2620-4126.
- Int J Surg Med. E-ISSN: 2367-699X
- International Dental Journal. Online ISSN:1875-595X
- Caries Research. ISSN: 0008-6568(Print), e-ISSN: 1421-976X(Online).
- Journal of IMAB, ISSN: 1312-773X (Online), (in print)

Information on the impact factor of Dr. Damyanova's publications:

According to a report prepared by MU - Varna, on Impact Factor (IF) from the scientific works of Dr. Damyanova, follows: General (IF) **8,628**.

Reference on the citations of Dr. Damyanova's publications:

According to the reference for the citations prepared by MU - Varna, it is evident that Dr. Damyanova has been cited a total of 12 times, 3 of them in refereed and indexed editions in world databases, and 9 in unrefereed journals with scientific review.

Table of scientometric indicators for the implementation of the minimum national requirements of the Regulations for application of the Law for development of the academic staff in the Republic of Bulgaria and the Regulations of the Medical University - Varna, presented for occupying the academic position "Associate Professor" by Dr. Damyanova:

Indicator	Dr. Damyanova	Total points
Indicator – A Dissertation	1	50
Indicator – B Monograph	1	100
Indicator – G Books and teaching aids		
Indicator – G 7 Publications and scientific communications in refereed and indexed publications	6	270
Indicator – G 8 Publications and scientific communications in unrefereed and indexed publications	7	135
Total points from the indicators from 5 to 9		405
Indicator – D Citations	12	
Indicator – E Specialties	2	

The scientific contributions of Dr. Damyanova are in the following areas:

- Invasive treatment of irreversible pulpitis of primary teeth
- Cariesology - diagnosis and treatment of cavitary caries lesions
- Prevention and non-invasive treatment of noncavitated carious lesions
- Varia

They can be defined as contributions of scientific-theoretical, scientific-applied and contributions of a confirmatory nature.

Dr. Damyanova also presents 6 scientific and educational films.

III. Training load of Dr. Damyanova

Dr. Damyanova conducts exercises for students and interns in the following specialties:

Propaedeutics of Pediatric Dentistry, Clinic of Pediatric Dentistry and Dental Prevention. In addition, she conducts undergraduate internships for interns with Bulgarian and English language training. She was the supervisor of two graduates.

The average training load of Dr. Damyanova for the period from 2015 to 2020 is 425 hours.

It is enough to occupy the academic position of "Associate Professor".

Conclusion:

Dr. Dobrinka Mitkova Damyanova, PhD, participates and is the only candidate in the competition for occupying the academic position of ASSOCIATE PROFESSOR.

Dr. Damyanova's scientific production is rich. She is the first and independent author in 100% of her scientific works (subject to review) and is an independent author in 27% of them. This fact speaks of her great personal contribution to the presented scientific production.

The impact of the scientific production of Dr. Damyanova has been reflected in citations and personal impact factor. The contributions from the products presented by her are significant and enrich the knowledge in the field of the "Pediatric Dentistry" specialty.

Dr. Damyanova has a long career as a dentist for 21 years. Her clinical experience in the specialty is very rich. She is an established teacher and a sought-after healer.

Based on the implementation of the minimum national requirements of the Regulations for application of the Law for development of the academic staff in the Republic of Bulgaria and the Regulations of the Medical University of Varna, I believe that Dr. Dobrinka Mitkova Damyanova meets all requirements and criteria for occupying the academic position "ASSOCIATE PROFESSOR".

Based on everything expressed so far, I give my positive assessment to Dr. Dobrinka Mitkova Damyanova, PhD for occupying the academic position of "Associate Professor" in the "Pediatric Dentistry" discipline at the Department of "Pediatric Dental Medicine", at FDM – Varna.

29. 01. 2021

Review compiler:

Prof. Dr. Rosen Kolarov, PhD

