

To the Scientific Jury at the Medical University - Varna

Regarding:

Competition for the academic position of "Professor",

Professional domain 7.1 "Medicine"

Scientific specialty 03.01.35 "Ear-nose-throat diseases",

announced in the State Gazette, No. 32/26.04.2022

and order of the Rector of the University of Varna No. P-109-255/23.06.2022

OPINION

by Assoc. Dr. Nikolay Sapundzhiev, MD, PhD
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Member of the Scientific Jury determined by the Order of the Rector of the Medical
University-Varna R 109-255/23.06.2022

Only one candidate participated in the competition for awarding the academic title "Professor" in the specialty Ear-nose-throat diseases, announced for the Faculty of Dental Medicine of the Medical University "Prof. Dr. Paraskev Stoyanov" - Varna in State Gazette no. 32/26/04/2022 - Assoc. prof. Dr. Mario Petrov Milkov MD, PhD. This opinion is prepared in accordance with Art.139(5) of the Regulations for the development of the academic staff at the Medical University "Prof. Dr. Paraskev Stoyanov" - Varna.

1. Brief biographical profile of the candidate:

Assoc. prof. Dr. Mario Petrov Milkov, MD PhD is 54 years old (born 1968 in the city of Varna), married with one child. He is a lecturer at the Department of dental materials science and prosthodontics of prosthetic dentistry, Faculty of Dental Medicine, Medical University "Prof. Dr. Paraskev Stoyanov"-Varna.

- 1986 graduated from the 3rd Science and mathematics high school, Varna
- 1995 graduated as a master's doctor the Medical University - Varna
- 1998-2005 full-time doctoral student at the Department of ENT Diseases / ENT Department of Otorhinolaryngology at the Department of Neurosurgery, ENT and Ophthalmology of the Medical University - Varna
- 2002 obtained the specialty Otorhinolaryngology
- 2006 obtained the title "Doctor", with a dissertation on the topic: "Creation of Bulgarian prostheses for ossicular reconstruction in case of defects of the auditory chain"
- 2013 was elected as an Associate professor at the Faculty of Dental Medicine of the MU-Varna
- 2014 obtained an additional qualification in the field of Business Administration and Health Management at the University "Prof. Dr. Asen Zlatarov" - Burgas

He has carried out a large number of short- and long-term specializations in Germany, Turkey, Switzerland, Norway, Israel, France, USA on the problems of otorhinolaryngology and head and neck surgery.

1.1. Professional path:

- 2002-2006 in Polyclinic "St. Marina" and UMBAL "St. Marina" - Varna

- 2006 Medical center "St. Petka" - Varna

1.2 Academic career:

- 2007-2014 - assistant in the Department of prosthetic dentistry and orthodontics, Faculty of Dental Medicine, MU-Varna
- 2018 - head Department of dental materials science and prosthetic dentistry, Faculty of Dental Medicine, MU-Varna
- 2018 - head of the scientific group "Biomaterials, implantology and genetic engineering" at the Scientific research institute of the University of Varna.

1.3. Teaching activity:

- Since 2013 - lecturer in dental materials science for the students majoring in "Dental Medicine"
- Head of the SID Obstructive Sleep apnea and snoring

2. Overall evaluation of the materials, handed in for the competition:

The presented documents in electronic version meet the requirements of the Law on the Development of the Academic Staff in the Republic of Bulgaria and the Regulations for its implementation in the Medical University - Varna.

3. Evaluation of the research activity and characteristics of the scientific production:

Assoc. prof. Dr. Mario Petrov Milkov DM, PhD has included a total of 37 scientific works for the competition, with 1 being the main habilitation work, 2 being monographs, 29 being scientific articles, and 3 being chapters of co-authored monographs and 2 scientific articles outside the requirements and one patent, and in 11 of them Assoc. Milkov is the first author. The publications are as follows: Journal of IMAB (3x), Journal of Medical Screening (1x), PlosONE (1x), Child and Infectious Diseases (1x), Journal Biomedical and Clinical Research (1x), Scripta Scientifica Medica (1x), Варненски медицински форум (1x), Audiologia&Foniatría (1x), Book of Proceedings - Symposium "Alumni Club and Friends" (2x), Journal of the Union of Scientists - Varna (2x) and the established by Assoc. prof. Milkov International Bulletin of Otorhinolaryngology (14x). All the presented scientific works are after acquiring the academic position of "associate professor" in 2013. For the period 2013-2022, Assoc. prof. Milkov has been cited in 23 citations.

Scientific topics in these publications cover otorhinolaryngology, otology, otoneurology, vestibulology, vestibular implants, vestibular rehabilitation, audiology, biomaterials research, biocompatibility, research on ossicular prostheses for the restoration of the auditory circuit, testing dental biomaterials in biological models, auditory active and passive implants, biostability, ossiculoplasty, biomaterials used in dentistry, obstructive sleep apnea, sleep chronobiology, prevention of sleep-related diseases, sleep research, conservative methods for treating sleep disorders, intraoral appliances, radiofrequency turbinoplasty, universal neonatal hearing screening, adolescent hearing screening, adult hearing screening, hearing disorders in athletes, vestibular disorders in divers, hearing rehabilitation and hearing aids, vestibular rehabilitation, health management, rhinology, allergology, dysphagia in partial and total prosthesis treatment, prevention and early diagnosis of socially and professionally significant diseases.

Assoc. prof. Milkov has co-authored two monographs. In one he is the first author. It focuses on the problems of materials for ossicular prosthesis. He created and patented "Ossicular prosthesis and method for its manufacture". The other one is in the field of clinical audiology

Assoc. prof. Milkov has scientific interests in other fields of medicine and dentistry too.

After 2013 Assoc. prof. Milkov has participated in 3 ongoing projects under the Medical Science Fund of MU-Varna and under the Scientific Research Fund.

4. Academic and teaching activity

Asso. prof. Milkov has been teaching in Dental materials science and biomaterials since 2008. He is Head of the elective subject "Obstructive sleep apnea and snoring. Diagnosis. Treatment. Prevention".

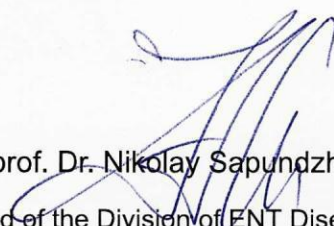
His students participate in many scientific forums under his leadership, as well as publish their articles in various scientific journals. Assoc. prof. Milkov is the co-supervisor of 9 doctoral students (1x specialty Otolaryngology, 6x specialty Orthopedic Dentistry, 1x specialty Healthcare Management and 1x Organization and management outside the sphere of material production (Social activities). Of them, four have successfully obtained the title "Doctor".

Assoc. prof. Milkov has organized over 20 courses with specialists and doctoral students, symposia and congresses in the country and abroad.

He is author of monographs published in Bulgaria and abroad, of numerous full-text scientific publications, and participant in international symposia as a guest speaker. Permanent member of the editorial board of numerous international scientific journals. Founder and Chief Editor of the journal "International Bulletin of Otorhinolaryngology". He is a member of Bulgarian medical association and BSZ, Bulgarian Society of Otorhinolaryngology and Head and Neck Surgery, Union of Scientists, European Society for Sleep Research, European Society for Biomaterials, European Society for Pediatric Otorhinolaryngology, European Association of Sleep Medicine, International Pediatric Sleep Association, World Sleep Apnea Association, Inventor's Union in Bulgaria, German Society of Otorhinolaryngology Head and Neck Surgery, Otorhinolaryngology Society of the Danube Countries, Balkan Society of Otorhinolaryngology and Surgery of head and neck, one of the founders of the Bulgarian Society of Obstructive Sleep Apnea and Snoring, of the Black Sea Society of Otology and Neuro-otology.

Conclusion:

The submitted documentation is complete and meets all the requirements of the Law on the Development of the Academic Staff in the Republic of Bulgaria and the Regulations for its implementation in the Medical University - Varna for occupying the academic position of Professor at the Faculty of Dental Medicine. I give my POSITIVE evaluation to the Scientific Jury for awarding the academic position "Professor" to Assoc. prof. Dr. Mario Petrov Milkov, MD, PhD.



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