

**To
Chairman of the Scientific Jury,
Determined by Order № P-109-519 / 30/11/2023
Of the Rector of MU – Varna**

Concerning Protocol №1 / 12/12/2023

Applied I present: Statement

on the competition for the academic position of “Associate Professor” in Pediatric Dentistry, in the field of the higher education 7. Health and sports, professional field 7.2. Dentistry, published in the Government Newspaper (issue 83 / 03/10/2023) and on an approved proposal by the Faculty Council of the Faculty of Dental Medicine (protocol №23/ 22/11/2023), for the needs of the Department of Pediatric Dentistry at FDM, MU – Varna.

Statement prepared by: Assoc. Prof. Miglena Ilieva Balcheva-Eneva, DMD, PhD

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Dr. Sirma Todorova Angelova, 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).

I. Analysis of the career profile of the candidate

1. Education and qualification

It is established from the documentation, that the candidate, Dr. Sirma Todorova Angelova, meets the requirements of the competition: she has obtained a master's degree in Dentistry at Medical University of Varna in 2011 (diploma № 000746), has also acquired specialty in Pediatric Dentistry in 2016 (diploma № 3629), and obtained PhD degree in the scientific specialty Pediatric Dentistry in 2017 (diploma № 233).

2. Work experience

Dr. Angelova has a total professional experience (working and teaching) as of 11/10/2023 – 12 years 00 months 07 days, of which 06 years 05 months 29 days as an assistant professor and 05 years 06 months 08 days as a chief assistant professor.

3. Academic workload and teaching activity

The academic workload report shows that Dr. Angelova exceeds he requirements every year.

4. Administrative-academic activity

Since 2011, Dr. Angelova has been working as an assistant professor, and since 2018 as a chief assistant professor, in the Department of Pediatric Dentistry at FDM, MU – Varna, taking part in the educational course of the subjects Preclinics of Pediatric Dentistry, Clinics of Pediatric Dentistry and Dental Prophylaxis. From 2015 to 2017, she was a full-time doctoral student at the same department on the topic: "Assessment and prevention of caries risk in children with some kidney diseases".

II. General description of the submitted materials for the competition

The submitted documents are complete and well-organized in a logical sequence according to the requirements of the competition.

III. Evaluation of the scientific work of the candidate for her overall academic development

Dr. Angelova submitted for this competition a total of 44 scientific full-text publications that are not related to the dissertation work. The scientific production includes: 1 dissertation, 1 monograph, 8 publications in refereed and indexed journals (Scopus/Web

of Science), 32 publications in non-refereed peer-reviewed journals and 3 additional publications.

Her dissertation work on " Assessment and prevention of caries risk in children with some kidney diseases " was evaluated by a Scientific Jury. **Criterion A of the minimum requirements for obtaining the academic position of "associate professor", according to the LDASRB, is fulfilled.**

Dr. Angelova presents an innovative method for evaluating oral health and various dental diseases in children with pyelonephritis through the mechanisms of epigenetics and through the study and analysis of biomarkers in saliva on 219 pages in her individually published monograph "Epigenetic and genetic aspects of the oral health in children with pyelonephritis" (Varna, 2019, ISBN 978-619-221-201-8). The monograph includes 429 bibliographic sources and is illustrated with 51 tables and 103 figures. Reviews are written by Prof. Dr. A. Kerekovska, Prof. Dr. St. Peev and Prof. Dr. D. Bliznakova. 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 the LDASRB, is fulfilled.**

I accept all publications in lists D7 and D8, presented by Dr. Angelova. Their total score is 1005.14 points (249.14 points from refereed and indexed journals, and 756 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.** I do not think that the additional articles (27.5 points) are necessary. The topics of the publications are in several areas: oral health and dental diseases in children, the impact of kidney diseases on them, salivary biomarkers, etc. Dr. Angelova is single author in 24 of her articles, and first author in 9 of the others.

Dr. Angelova is also included in the research team of a big scientific project financed by the "Science" fund of the MU – Varna (session 2018).

IV. Evaluation of the contributions of the scientific work

The reference of the contributions of the scientific work of Dr. Sirma Angelova related to her participation in the competition for Associate Professor testify about her interests in the following scientific fields:

- Caries development in healthy children and children with kidney diseases – A1; D7.7, D8.3, D8.10, D8.11, D8.12, D8.13, D8.15, D8.20, D8.21, D8.22, D8.25, D8.28, D8.30;

- Periodontal health and the impact of kidney diseases on the development of periodontal diseases in childhood – D7.3, D7.4, D7.6, D7.8; D8.1, D8.2, D8.5, D8.6, D8.8, D8.9, D8.16, D8.19, D8.27, D.29;
- Assessment of different factors with impact on oral health in childhood – D7.2, D7.5; D8.4, D8.6, D8.7, D8.14, D8.17, D8.24;
- Epigenetic and genetic mechanisms of oral health in children– C3; D8.23;
- Study of salivary biomarkers – D7.1, D7.6; D8.23, D8.26;
- Pulpitis and trauma of temporary teeth – D8.18, D8.31.

I believe that cognitive, scientific-applied and confirmatory contributions can be defined in these fields.

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

Dr. Angelova presents 43 citations (335 points): 12 citations in refereed and indexed journal and 31 citations in non-refereed peer reviewed journals. Thus, **criterion E of the minimum requirements for obtaining the academic position of “associate professor”, according to LDASRB is fulfilled.**

VI. Comprehensive assessment of the quality of methodological and teaching activities

Dr. Angelova has demonstrated very good professional, scientific and teaching qualities during her work experience.

VII. Critical remarks and recommendations

Dr. Angelova has presented too much evidence for her research activities. The reference lacks a clearly formulated self-assessment of the contributions of her scientific works..

VIII. General evaluation of the candidate's compliance with the mandatory requirements and quantitative scientometric criteria

Dr. Angelova meets the general requirements of the competition for obtained master's degree in Dentistry, acquired medical specialty, obtained PhD degree in the scientific specialty Pediatric Dentistry, as well as the mandatory quantitative scientometric criteria required for AP "Associate Professor".

IX. Conclusion

Materials and data, presented by Dr. Sirma Todorova Angelova, 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 requirements for academic position “Associate Professor” of Pediatric Dentistry. I recommend to the esteemed Scientific Jury to award Dr. Sirma Todorova Angelova, DMD, PhD the academic position "Associate Professor" in professional field 7.2. Dentistry for the needs of the Department of Pediatric Dentistry at the Faculty of Dental Medicine of MU – Varna.

Varna

07/02/2024

Prepared by:

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