

## **S T A T E M E N T**

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**MEMBER OF A SCIENTIFIC JURY OF A COMPETITION FOR "ASSOCIATE PROFESSOR" (PUBLISHED IN SG. 32/26.04.2022), APPROVED BY ORDER OF THE RECTOR (№ P – 109-256/ 23.06.2022) IN SCIENTIFIC SPECIALTY "DENTAL CLINICAL ALLERGOLOGY" IN THE FIELD OF HIGHER EDUCATION 7. HEALTH AND SPORTS, PROFESSIONAL STRAND 7.2. DENTAL MEDICINE AT THE DEPARTMENT OF "CONSERVATIVE DENTISTRY AND ORAL PATHOLOGY", FACULTY OF "DENTAL MEDICINE", MEDICAL UNIVERSITY - VARNA.**

**One candidate participates in this competition: Senior Assist. Prof. Christiana Rossenova Madjova, DMD, PhD**

The competition is held in accordance with the Law on the Development of the Academic Staff, the Regulations for the Implementation of the LDASRB and the Regulations for the Development of the Academic Staff of the University of Varna. The candidate's documents have been prepared and submitted in accordance with the requirements of the MU - Varna.

### **I. Biographical data and career profile of the candidate:**

Dr. Christiana Rossenova Madjova was born on 28.12.1987. in the city of Varna. In 2013, she graduated dental medicine at FDM - Varna. Since 2013, she has been an assistant at the Department of "Conservative Dentistry and Oral Pathology" of the FDM - Varna. From 2013 to 2016 she is a regular PhD student in the same department. In 2016, she defended a PhD dissertation for the award of an educational and scientific degree "Doctor" on the topic "Complex oral diagnosis of children and adolescents with diabetes mellitus and obesity". She has acquired a specialty in Dental clinical allergology, and at the date of the competition she specializes in Operative dentistry and endodontics. Since 2017, she has been the chief assistant in the Department of "Conservative



Dentistry and Oral Pathology" of the Faculty of Medicine - Varna. She has a recognized experience of 3 years and 9 months as an Assistant and 4 years and 9 months as a Senior Assistant Professor.

## **II. Scientific and teaching activity of the candidate:**

The scientific research work of Dr. Ch. Madjova is entirely in the field of the announced competition, with the main emphasis being oral pathology in its clinical diversity.

The total publication activity of Dr. Ch. Madjova includes 45 full-text articles, 32 abstracts, 64 reports, 2 textbooks and 1 monograph. To participate in the competition, the candidate submitted 6 publications and reports published in scientific publications, referenced, and indexed in world-famous databases with scientific information (Scopus and Web of science), 7 publications and reports published in non-refereed journals with scientific review or in edited collective volumes as well as two chapters in collective monographs. The total IF of the posts is 19,163. With this, Dr. Ch. Madjova fully meets the requirements of MU - Varna. Citations are also described in detail - 24 in total.

Currently, Dr. Ch. Madjova is the Senior Assistant Professor at the Department of Conservative Dentistry and Oral Pathology at the Faculty of Dental Medicine, MU- Varna. Participates in the teaching of students and interns in Bulgarian and English in the disciplines of dental allergology, oral pathology, conservative dentistry - clinic. Dr. Ch. Madjova participated in the implementation of 3 research projects ("Investigation of the effectiveness of the low-energy infrared laser in influencing oral pain symptoms", "Investigation of the influence of the intake of juice from fresh fruits of aronia melanocarpa on carbohydrate metabolism and oxidative stress in patients with type 2 diabetes mellitus at different ages" and "Complex oral diagnosis of children and adolescents with diabetes mellitus and obesity").

### **Monographic work**

The monograph of Dr. Ch. Madjova ("Saliva as a basic biological marker. Clinical and paraclinical studies", MU - Varna 2018, ISBN 978-619-221-193-6) presents an up-to-date, well-illustrated through the author's own research and clinical practice saliva analysis, as the main parameter of oral health. The monograph provides an up-to-date reading of the studies of Bulgarian and foreign authors and summarizes the data from the scientific literature with a view to revealing the clinical potential of saliva for its full use, not only in diagnostic dental practice, but also in a

number of areas of medical science such as physiology, pathophysiology, clinical laboratory, clinical pathology, cardiology, gastroenterology, endocrinology, metabolic diseases, nephrology, neurology, pediatrics, immunology, infectious diseases, pharmacotherapy, toxicology, oncology, forensic medicine, psychology, sports medicine and other fields of medical science and practice. I find the monograph extremely useful, which is why it is included in the list of recommended literature for student training in the Oral Pathology discipline at FDM - Plovdiv.

### **III. Contributions**

The scientific contributions presented in the applicant's report cover various scientific problems of oral medicine, which can be distinguished in **three main areas**:

**Saliva as a basic biological marker and parameter of oral health.** The experience and achievements of Dr. Ch. Madjova in this field reflected in a number of publications, and in a summarized form - in a monograph.

**Diagnosis, treatment and prevention of oral diseases in children and adolescents.** Several very significant contributions of Dr. Ch. Madjova as a scientist and clinician are included here. Special attention should be given to her studies on complex oral diagnostics and oral pathology in children and adolescents with diabetes mellitus and obesity. In this area, a particular emphasis is on the influence of the intake of fresh fruit juice of *Aronia melanocarpa* on changes in basic laboratory parameters in adolescent patients with type 2 diabetes mellitus and obesity.

**Studies related to the application of low-intensity laser therapy in dental practice.** Here, Dr. Ch. Madjova's contributions relate to the study of this therapeutic modality in oral diseases such as burning mouth syndrome and dentinal hyperesthesia.

**IV. General assessment of the applicant's compliance with the mandatory conditions and mandatory quantitative criteria and scientometric indicators** in accordance with Regulations for the development of the academic staff at MU-Varna.

Based on the evidentiary material presented by the candidate and the analysis made, I am attaching a comparative table where the distribution of the candidate's scientific works is shown in relation to the minimum requirements for AP "ASSOCIATE PROFESSOR" in MU-Varna (table 1).

**Table 1. Scientific indicators - minimum and fulfilled by the candidate**

GROUP	INDICATORS	VALUE	ASSOCIATE PROFESSOR	POINTS OF Dr. CH. MADJOVA
A	1. dissertation work for the award of the educational and scientific degree "Doctor"	50	50	50 p.
B	2. Dissertation work for the award of the scientific degree "Doctor of Sciences"	100		-
C	3. Habilitation work - monograph	100	100	100 p.
	4. Habilitation work - scientific publications (not less than 10) in publications that are referenced and indexed in world-famous databases with scientific information	60/n for each post		-
D	5. A published monograph that is not submitted as a major thesis	100	200	100 p.
	6. A published book based on a defended dissertation for the award of an educational and scientific degree "Doctor" or for the award of a scientific degree "Doctor of Science"	40		-
	7. Publications and reports published in scientific publications, referenced and indexed in world-renowned databases of scientific information	60/n or apportioned on a contribution protocol basis		120 p.
	8. Publications and reports published in non-refereed peer-reviewed journals or published in edited collective volumes	30/n or apportioned on a contribution protocol basis		92.5 p.
	9. Published chapter of a collective monograph	20/n		9.16 p.

<b>E</b>	<b>10. Citations or reviews in scientific publications referenced and indexed in world-renowned databases of scientific information or in monographs and collective volumes</b>	<b>15</b>	<b>50</b>	<b>3 citations in Scopus/Web of Science 45 items</b>
	<b>11. Citations in monographs and peer-reviewed collective volumes</b>	<b>10</b>		-
	<b>12. Citations or reviews in non-refereed peer-reviewed journals</b>	<b>5</b>		<b>2 citations in non-refereed scientific publications 10 items</b>
<b>TOTAL:</b>			<b>400</b>	<b>526.66 p.</b>

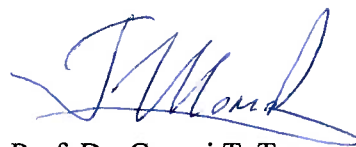
### **Conclusion**

Based on the submitted documentation and after the analysis of the applicant's achievements, I consider that Dr. Christiana Rossenova Madjova meets the requirements, criteria, and indicators for holding the academic position of "ASSOCIATE PROFESSOR" in Dental Clinical Allergology, according to the LDASRB, the Regulations for its implementation and the regulations of MU - Varna.

That is why, I propose to the scientific jury of the announced competition for the needs of the Department of "Conservative Dentistry and Oral Pathology" at the FDM of the Medical University - Varna, to award the academic position of "Associate Professor" (in the Department of Higher Education: 7. Health Care and Sports, Professional direction 7.2 Dental medicine, Scientific specialty: Dental clinical allergology) to Chief Assistant Dr. Christiana Rossenova Madjova, DMD, PhD.

Plovdiv

12<sup>th</sup> of September, 2022



Reviewer: Assoc. Prof. Dr. Georgi T. Tomov, Ph.D.