



OPINION

by Prof. Dr Dimitar Petkov Sivrev, MD, PhD - Department of Anatomy at the Faculty of Medicine of Trakia University, Stara Zagora and member of the Scientific Jury for the evaluation of the candidates in the competition for the academic position of "Professor" in the field of higher education 7. Healthcare and sports and professional direction 7.1. Medicine, scientific specialty "Pathology and cytopathology" on the basis of a report with reg. No. 1072 of 28.03.2024.

The competition is for 0.5 place for a professor for the needs of the Faculty of Medicine, University "Prof. Dr. Asen Zlatarov" - Burgas. The advertisement was published in the Official Gazette, no. 13/13.02.2024.

One candidate submitted documents for the announced position - Prof. Dr Maya Vladova Gulubova, MD, PhD - Professor of Pathology.

The candidate has submitted detailed documents in accordance with the requirements of the Law on the Development of the Academic Staff and the Rules for its Application.

Biographical data

According to the documents, Dr Maya Gulubova, MD, graduated in the specialty "Medicine" at the Medical Academy - Sofia in 1983 and in 1984 specialized in pathology in the Regional Hospital - Svishtov. In the same year, she won a competition for the academic position of "assistant" in the Department of General and Clinical Pathology of HMI - Stara Zagora.

She specialized in liver pathology in 1989 at the Moscow Medical Institute "I. Sechenov" under the leadership of Academician V.V. Serov with the participation of Prof. T.P. Beketova and Prof. S.P. Lebedev.

From 1993 to 2002, Dr Gulubova was the chief assistant-professor at the Higher Medical Institute - Stara Zagora (from 1996 - Faculty of Medicine), and from 2002 to 2003, after winning a competition, she held the academic position of "Associate professor".

From 2003 to 2019, the candidate for the academic position "Professor" was the head of the "General and Clinical Pathology and Forensic Medicine and Deontology" department.

Between 2019 and 2023, she held the administrative position of head of the extended department "General and Clinical Pathology and Forensic Medicine, and Deontology, and Dermatovenerology".

From 2004 to 2007, Prof. Gulubova was the Deputy Dean of the Faculty of Medicine, Stara Zagora, and from 2007 to 2019, she was the Dean of the same faculty. He has held the academic

position of "Professor" since 2013. Currently, Prof. Maya Gulubova is the head of the Clinic for General and Clinical Pathology at UMBAL "Prof. Dr. Stoyan Kirkovich" - Stara Zagora.

In connection with the above, the candidate for the academic position "Professor" submitted the following documents:

Diploma No. 34089/03.01.1989 - for acquired specialty in "Pathology".

Diploma No. 26074 DM/28.06.1999 - for PhD degree.

Diploma No. 21169/01.04.2002 - for the academic position "Associate Professor".

Document from NACID dated 20.10.2023 proving the academic position "Professor".

Administrative activity

In her capacity as Dean, Prof. Gulubova has implemented program accreditation in the specialties: Medicine, Health Care, Management of Health care, Medical Rehabilitation and Occupational Therapy, Medical Assistant. Under her leadership, the accreditation of Master degree in occupational therapy, in "Management of health care" and "Organization and management of the social sphere" was carried out. Accreditation of 25 existing doctoral programs has been carried out, 16 are in the process and 6 new doctoral programs have been opened.

Research activity

The candidate for the academic position "Professor" has published 138 articles registered in SCOPUS, has 1573 citations and H-index 21. She is the only doctor in the ranking of Stanford University for overall scientific creativity of 49 scientists from Bulgaria.

The research activity of Prof. Maya Gulubova is directed in several directions:

Tumor microenvironment.

Therapeutic approaches to solving medically indicated termination of pregnancy.

Pathomorphology - feto- and placental pathology.

Genetic and enzyme-histochemical studies related to neuromorphology, neurochemistry and important structures in the CNS.

The candidate's contributions are in the following areas:

Immune cell research.

Cytokines with immunohistochemistry, ELISA, SNP.

Western blot method and confocal microscopy.

Prof. Gulubova's publications are mainly in the field of liver pathology - liver sinusoids, hepatocellular carcinoma, liver metastases, biliary tract pathology, extracellular matrix, integrins.

Some of the publications are related to experimental diabetes with the finding of insulin-producing cells in the bile ducts, pancreatic duct and liver.

The candidate for the academic position "Professor" has been the supervisor of 22 PhD students and is currently teaching 5 more PhD students. She is the winner of 7 international and Bulgarian scientific awards.

Prof. Gulubova has won 4 scientific projects at the Ministry of Education, Culture and Sports, of which she is the scientific supervisor of 2, and in the rest she participates as a contractor. She has won 14 projects at the Faculty of Medicine in Stara Zagora, of which she is the head of 10 and a participant in the remaining 4.

Teaching activity

From 1984 to 2023, the candidate for the academic position "Professor" has a total teaching experience of 39 years. As an assistant, senior assistant and chief assistant (1984-2002) she conducted practical exercises in general and clinical pathology with the students of the third and fourth year, specialty "Medicine". After 2002, she led the lecture course on "General and Clinical Pathology" in Bulgarian and English (after 2013) with the medical students from the third and fourth year. From 2003 to 2011, she led a lecture course on "Somatopathology and Oncopathology" for second-year students, majoring in "Social Activities" - regular and extramural studies, and from 2006 to 2011 - a lecture course on clinical pathology for first-year students majoring in "Medical nurse" and "Midwife".

According to the attached reference for the teaching activity, the candidate meets the normative basis for the academic workload.

Evaluation of scientometric indicators

<i>A group of indicators</i>	<i>Content</i>	<i>PhD</i>	<i>DSc</i>	<i>Chief assistant</i>	<i>Associate Professor</i>	<i>Professor</i>	<i>Professor Gulubova</i>
A	Index 1	50	50	50	50	50	50
B	Index 2	-	100	-	-	-	
C	Index 3 or 4	-	-	-	100	100	100
D	Sum of indicators 5 to 9	30	100	-	220	250	250
E	Sum of indicators from 10 and 12	-	100	30	60	150	480

F	Sum of indicators from 13 to the end, for a professor the minimum number of points according to indicator F - 14,60	-	100	-	20	120	860
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The scientometric analysis of the research activity of Prof. Maya Gulubova shows that she fully meets the normative requirements for the academic position of "Professor", and in some indicators exceeds them.

Conclusion

According to the above, it is clear that Prof. Gulubova is an established scientist whose research has both theoretical and important practical significance. Based on the scientific and teaching qualities of the candidate, which are reflected in the submitted documents and taking into account her theoretical and practical contribution, as well as her teaching experience, expressed by her academic workload, I give a positive assessment to the candidate and make a proposal to the respected Scientific Jury to rank Prof. Dr Maya Vladova Gulubova, MD, PhD for the position of "Professor" and to present her to the competent council of the University "Prof. Dr Asen Zlatarov" - Burgas for the selection of the academic position "Professor" (position 0.5) in "Pathology and Cytopathology" in the field of higher education 7. Health care and sports and professional direction 7.1. Medicine, for the needs of the Faculty of Medicine at the University "Prof. Dr. Asen Zlatarov" - Burgas.

May 7, 2024
City of Stara Zagora

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/Prof. Dr Dimitar Sivrev\, MD, PhD/

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