

**To**

**The Chairman of the scientific jury,**

**Determined by order N P-109-305/07.08.2020**

**Of the Rector of the University of Medicine – Varna**

**55 ‘Marin Drinov’ street, City of Varna**

*I am presenting attached:* Statement on the application for academic position - ‘Associate professor of Science’ 7.1. Professional field of healthcare and sports 7.1. Medicine and the scientific specialty ‘General and clinical pathology’ at the department of ‘General and clinical pathology, forensic medicine and deontology’, Faculty of Medicine, The University of Medicine ‘Prof. Dr. Stoyanov’ – city of Varna and Clinical pathology Clinic, UMBAL ‘St. Marina’ Varna, published in DV. Issue 53/12.06.2020

**Statement of member of the scientific jury:** Associate professor Dr. Sylvia Nikolaeva Genova, dm;  
Scientific specialty/ ties: ‘General and clinical pathoanatomy’;

Institution: MU Plovdiv, MF.

**Address and contact details:**

Postal address: Assoc. Prof. Sylvia Nikolaeva Genova, PhD. MD.

MU Plovdiv, MF;

Department of ‘General and clinical pathoanatomy’.

Blvd. ‘V. Aprilov’ 15 A,

Email: [sylvia\\_genova@abv.bg](mailto:sylvia_genova@abv.bg)

**Telephones:**

Mobile: 0887 198 557,

Work phone: 032 602 444, 602 440;

# STATEMENT

(APPLICATION FOR ACADEMIC POSITION 'ASSOCIATE PROFESSOR' AT THE  
UNIVERSITY OF MEDICINE – VARNA)

## I. Analysis of the candidate's career profile.

Dr. Deyan Lyudmilov Dzhenkov was born on 31<sup>st</sup> of March 1973 in town of Dobrich.

He graduated his secondary education in 1991 at PMG 'Climent Ohridski' town of Silistra.

He acquired a master's degree in Medicine in 1999 MF of the Thracian University, in the town of Stara Zagora. From 1999 to 2006 he was an intern at the ward of Pathoanatomy, MBAL, in the town of Silistra. From 2006 he was an assistant-physician at the clinic of General and Clinical pathology UMBAL 'St. Marina'.

Dr. Dzhenkov acquired specialty of General and clinical pathology on 01.01.2008.

The total length of service of Dr. Dzhenkov is 20 years and 7 months.

### **Academic Career development:**

Dr. Dzhenkov is a teaching assistant at Medical University-Varna, since 2006.

In 2014, he became an administrative assistant. In 2016, he was credited as a full-time doctoral student at the department. He has 14 years of teaching experience at the University of Medicine – Varna. In 2019 he acquired his PhD Degree of 'Pathoanatomy with cytopathology' - professional field of Medicine.

He has completed qualification courses PD-L1 Testing (22c3) in Kassel, Germany. Testing of PD-L1 of lungs and urothelial carcinoma. Courses of interpretation of HER2 IHC and HER2 DISH tests in diagnosis of breast and stomach cancer tissue EMEA-LATAM, 8.01.2018 – Varna. He participated in scientific forums and research projects: BSYSB – Varna 2017-2019; Science Fund Project MU-Varna 1901, he participated in national conferences on Pathoanatomy 2008-2019.

Dr. Dzhenkov is a member of the Bulgarian Medical Union. National Society of Pathology.

## **II. General description of the submitted materials in the application.**

The presented set of materials on a paper/electronic media is in accordance with Art.115(1) of the competition for an academic position ‘Associate professor’ at MU-Varna, the policy of MU-Varna from 08.06.2020 and he has presented all of the required documents: total of 22 applications, including diplomas, CV, Dissertation work, equivalent to monographs, publications in magazines with high IF, publications, quotes.

## **III. Evaluation of the scientific works of the candidate for the overall academic development.**

For the participation in the competition are presented: 36 scientific works, 1 dissertation work, full-text publications in Bulgaria (11) and foreign magazines (24), arranged in the order of the table for minimum requirement with the corresponding designations.

The full-text publications have a total IF over 10. Dr. Dzhenkov also presents 3 full-text publications outside the minimum requirements for the associate professor. The participations submitted - national and foreign SCIENTIFIC EVENTS of Dr. Deyan Ludmilov Dzhenkov - are 17, of which 6 are on Foreign congresses and they are printed in separate books with total IF over 10.

The professional and scientific interests of Dr. Dzhenkov are mostly in the field of morphometric studies, experimental, and tumor pathology of the glial tumors. Since the opening of Neurosurgery clinic at UMBAL’St. Marina’-Varna, Dr. Dzhenkov has dedicated himself to a socially significant and extremely topical issue of onco-pathology – molecular biology in pathology of some of the malignant brain neoplasms, and more specifically on gliomas. As an original contribution to the study of nuclear expression, Dr. Dzhenkov found that the intensity of the transcription factor ZBTB20 in gliomas is found to be an unfavorable prognostic factor in terms of patient survival.

Topic of the Dissertation work: ‘expression of transcription factor ZBTB20 in glial tumors of the central nervous system’, is evidence for the need to use an immuno-histological panel for the diagnosis of gliomas, as well as to differentiate primary from metastatic tumors. One of the tasks of the dissertation is to determine the expression of the transcription factor ZBTB20 in the different degrees of differentiation glial tumors, and its correlation with the other prognostic factors, and to evaluate its connection with the patient survival. The established expression of ZBTB20 has a prognostic value in different types of gliomas, and its higher expression in the tumor tissue carries an increased risk to the lives of patients, regardless of the degree of tumor differentiation. **Criterion A: Dissertation work for awarding an educational and scientific degree ‘Doctor’ according to ZPASRB is met.**

**Research of Dr. Dzhenkov is grouped in several directions.**

- Publications, associated with tumors on central nervous system with a pronounced accent on glial tumors.
- Publications, associated with other tumor diseases (outside CNS). Publications, associated with morphology of non-tumor diseases.
- Cases and research methods from the clinical and autopsy practice with contribution to diagnostic, clinical and educational aspect.
- Other significant scientific achievements of Dr. Dzhenkov are studying frequency and epidemiology of primary intracranial tumors in Bulgaria, in collaboration with data from a similar study by colleagues from Brazil.

The Studies on brain tumors represent comprehensive analysis of frequency, severity, clinical morphology and molecular-genetic characteristic of the malignant brain tumors, with an emphasis on glial tumors of CNS - the ultimate goal of accurate expert diagnostics and a personal approach to treating patients.

For the first time, a statistical survey was conducted in Bulgaria for malignant epithelial tumors of the head and neck, relative to their location and histological appearance. This was done of a confirmatory nature to world data.

**IV. Evaluation of the monographic work or equivalent publications, submitted for participation in the competition for ‘Associate professor’ by the candidate.**

Dr. Dzhenkov presents 11 full-text publications as equivalent to a monographic work, all of which are in foreign magazines with a high IF.

**Oncol. Res. IF 4.6;**

**Medical Oncology, IF 2.6;**

**Journal of Clinical Neuroscience – IF 1.5;**

**Pathology & Oncology Research – IF 2.27**

(This covers and even exceeds the requirements for monographic work. **Criterion G is met.**)

***V. Reflection on the candidate’s publications in national and foreign literature (publication image).***

Dr. Dzhenkov has over 43 quotations in Bulgarian and international magazines. The quotations are as follows: 34 in scientific editions, referenced and indexed in worldwide databases of

scientific information - Scopus and Web of science; 2 in monographic and collective volumes with scientific review; 5 in unreferenced journals of scientific review.

**Criterion D. "Quotations or reviews in scientific editions, referenced and indexed in worldwide databases of scientific information or monographies and collective volumes" is met.**

**VI. *Complex, overall assessment of the methodical and teaching activities, including scientific guidance of students, doctoral students, postgraduates.***

Dr. Dzenkov possesses 'Pedagogical qualification for educators of medical institutions' Certificate CDO-99-296/12.07.2012.

**VII. *Critical remarks and recommendations*** - Dr. Dzenkov must continue working actively to improve the educational and practical engagement of students, through preparation of tests, textbooks and teaching aids, for both Bulgarian, and English-speaking students. He must also continue to take part in the lecture course of English-speaking students.

**VIII. Overall evaluation of the candidate's compliance with the mandatory conditions and the mandatory quantitative and scientometric criteria according to the Regulation on holding academic positions in MU-Varna in 'Regulation for holding an academic position 'Associate professor' in MU-Varna' and in "Criteria for assessment' (part of the Policy for structure and activity of MU-Varna).**

1. PUBLICATIONS AND REPORTS IN SCIENTIFIC PUBLICATIONS, REFERENCED AND INDEXED IN WORLDWIDE DATABASES (SCOPUS AND WEB OF SCIENCE) **18 publications with 129.57 points.**
2. PUBLICATIONS AND REPORTS IN UNREFERENCED JOURNALS WITH SCIENTIFIC REVIEWS OR IN EDITED COLLECTIVE VOLUMES: **10 publications with 92 points.**
3. List of the quotations and/or reviews in scientific publications, referenced and indexed in worldwide databases with scientific information (Scopus and Web of Science) with evidence material from the databases: **31 articles with quotations – 510 points.**
4. List of quotations in monographs and collective volumes with scientific review: **2 quotations – 20 points.**
5. List of quotations and/or reviews in non-referenced journals with scientific reviewing: **5 quotations – 30 points.**
6. **Participations in national and international congresses and conferences – submitted are 17 certificates for participation in scientific forums and congresses.**

7. **Participation in inter-university projects – rank 1.**
8. **Indicator G: Sum of indicators from 5 to 9 – 206 points, when required 200.**
9. **Indicator D: Sum of indicators from 10 to 12 – 560 points, when required 50.**

**IX. Conclusion** – Dr. Dzhankov completely meets and even significantly exceeds the mandatory and optional conditions, as well as the scientometric criteria – for the academic position ‘Associate professor’. The career development of Dr. Dzhankov, assistant in the department of “General and clinical pathology and forensic medicine and deontology” at MU Varna, his scientometric indicators, his acquired scientific and educational degree ‘PhD’, the contributions from his research and his monograph-equivalent publications with high impact factor, fully comply with the requirements, laid down in the Law on the development of the academic personnel in Republic of Bulgaria and in the Regulation of MU Varna for holding an academic position ‘Associate professor’.

Dr. Dzhankov also meets the set of criteria for holding the corresponding academic position, according to ЗРАСРБ, The Regulation for its implementation and the Regulations for holding an academic position ‘Associate professor’, adopted in the Regulations for structure and activity of MU – Varna.

Therefore, I am voting strongly in favor for the appointment of Dr. Dzhankov, as an associate professor at the department of “General and Clinical pathoanatomy and forensic medicine and deontology”, at MU Varna.

30. 09. 2020

Plovdiv

Assoc. Prof. Sylvia Genova, PhD, MD.

