

To the Chairman of the Scientific Jury,

Designated by Order No. P-2652/07.08.2024

Issued by the Rector of the Medical University of Plovdiv

15A V. Aprilov Blvd

4002 Plovdiv, Bulgaria

In response to Protocol No. 1 / 12.08.2024

Attached I present: Opinion

for the competition concerning the academic position of "Professor" in the field of "Pharmacology (including Pharmacokinetics and Chemotherapy)," announced to meet the needs of the Medical University of Plovdiv, specifically for the Department of Pharmacology and Clinical Pharmacology, as published in the State Gazette, Issue No. 47 on 04.06.2024.

Reviewer: Assoc. Prof. Hristina Ivanova Zlatanova-Tenisheva, MD, PhD

Scientific Specialty: Pharmacology

Institution: Medical University - Plovdiv

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OPINION

Assoc. Prof. Hristina Ivanova Zlatanova-Tenisheva, MD, PhD
Faculty of Medicine, Department of Pharmacology and Clinical Pharmacology
Medical University - Plovdiv

As a member of the scientific jury for the academic competition for Professor (as announced in SG No. 47/04.06.2024), confirmed by Rector's Order R-2652/07.08.2024, in the field of higher education 7. Health care and sports, professional direction 7.1. Medicine, specialty "Pharmacology (incl. pharmacokinetics and chemotherapy)" - one, full-time position for the needs of the "Pharmacology and Clinical Pharmacology" Department, Faculty of Medicine at the Medical University of Plovdiv, I hereby provide my analysis of the candidate's qualifications.

One candidate participated in the competition – **Assoc. Prof. Delyan Penev Delev, MD, PhD.**

I. Analysis of the Candidate's Career Profile

Assoc. Prof. Delyan Penev Delev was born in Plovdiv and graduated from Plovdiv Language High School in 1995, specializing in German. He completed his medical education at Medical University of Plovdiv in 2001. His academic career commenced in 2002 when he enrolled as a full-time doctoral student in the Department of Pharmacology and Clinical Pharmacology at the same university. In 2013, Assoc. Prof. Delev earned his PhD by successfully defending a thesis on "Influencing Andropause in an Experiment." He has held several academic positions, including Assistant Professor (2006), Senior Assistant Professor (2013), and was promoted to Associate Professor of Pharmacology in 2016. In 2020, he was appointed Head of the Department.

Assoc. Prof. Delev is also recognized with a specialty in Pharmacology (2012) and holds a second master's degree in Public Health and Health Management (2015). He is an active member of various professional organizations, such as the Bulgarian Medical Union and the European Association of Clinical Pharmacology and Therapy. Assoc. Prof. Delev possesses substantial management and organizational experience, having held various leadership roles at Medical University - Plovdiv, and has been a long-serving editor for the journal *Folia Medica*,

- 2022/2023: 602 student hours

Assoc. Prof. Delev has co-authored several textbooks and practical manuals, and he actively supervises PhD students and postgraduate courses. His participation in scientific forums with both Bulgarian and international students further highlights his significant contributions to the academic community.

VII. Critical Notes and Recommendations

I have no critical remarks regarding the candidate.

VIII. General assessment of the applicant's compliance with the minimum national requirements under Art. 2b, para. 2 and 3, and the corresponding requirements under Art. 2b, para. 5 of the Development of the Academic Staff in the Republic of Bulgaria Act (DASRBA), as well as the specific requirements of the Medical University – Plovdiv for areas and units without clinical activity, as defined in the Regulations for Academic Development at the Medical University – Plovdiv.

INDICATOR GROUP	REQUIRED POINTS FOR PROFESSOR	ASSOC. PROF. DELYAN DELEV, MD, PHD
A	50	50
B	100	100
C	300	471.96
D	400	2700
E	150	233.82
F – Teaching activity (study load)	300	1158
F – Academic position	200	800
TOTAL	1500 points	5513.78 points

I find the scientometric values not only sufficient but exceeding the necessary minimum. My comprehensive evaluation of the educational and research activities of Assoc. Prof. Delyan Penev Delev, MD, PhD, is highly positive. The candidate meets both the mandatory and specific conditions, as well as the scientometric criteria outlined in the Law on the Development of the Academic Staff of the Republic of Bulgaria (DASRBA) and the Regulations of the Medical University - Plovdiv for the academic position of "Professor."

indexed in Scopus. Additionally, he is proficient in English, German, and Russian, and is skilled in using relevant computer programs.

II. General Description of the Submitted Materials for the Competition

The materials submitted for this competition, both in paper and electronic form, have been provided as a complete set, in compliance with the Development of the Academic Staff of the Republic of Bulgaria Act (DASRBA), the applicable Rules, and the specific regulations governing academic development at MU-Plovdiv.

III. Evaluation of Scientific Contributions

I commend the publication activity of Assoc. Prof. Delyan Delev. The candidate's scientific contributions include:

- Dissertation: Assoc. Prof. Delev's doctoral dissertation, titled "Influence of Andropause in an Experiment," has significantly contributed to the field.
- Monograph: His monograph, "Selected Adverse Drug Reactions and Interactions," presented as the main habilitation work, adheres to the requirements of the DASRBA and spans 177 pages (ISBN 978-619-237-108-1).
- Scientific Papers: Assoc. Prof. Delev has authored 34 full-text articles in journals indexed in Scopus and/or Web of Science, with 27 published after his appointment as Associate Professor. Notably, 14 of these articles are in journals with an impact factor. Additionally, he has 28 full-text publications in non-refereed peer-reviewed journals or edited scientific volumes since achieving his Associate Professorship.

Assoc. Prof. Delev has actively participated in six intra-university and two European projects with a national program operator, serving as the head of one intra-university project. He is also a co-author of several textbooks and teaching aids in Pharmacology and serves as a reviewer for international journals with impact factors. His scientific work demonstrates a high level of originality and contribution to the field.

Assoc. Prof. Delev has supervised three PhD students who have successfully defended their theses:

- Lidiya Dochkova Shamova: "Bilingualism in Catalonia - Essence and Specificity" (Diploma No. 1000415/20.07.2020);

- Nikolay Borisov Yanchev, MPharm: "Experimental Pharmacological Study of an Extract from *Sideritis scardica*, Lamiaceae" (Diploma No. 439-DM/07/06/2023);
- Boris Petrov Angelov, MD: "Therapeutic Options for Acute Bronchiolitis in Children up to Two Years of Age" (Diploma No. 457-DM/07.12.2023).

IV. Evaluation of the monographic work or equivalent publications submitted for participation in the competition.

The monograph presented as the main habilitation thesis is entitled "Selected Adverse Drug Reactions and Interactions". It examines a current and important problem in modern pharmacotherapy from both a theoretical and a practical point of view. The content is organized into five chapters and presented with in-depth expertise. In the first chapter, Assoc. Prof. Delev focuses on the design of clinical trials; the second chapter discusses the types of adverse drug reactions, risk groups and drug safety monitoring systems. The third chapter details clinically relevant drug interactions and their pharmacokinetic and pharmacodynamic mechanisms. The final two chapters provide an in-depth examination of drug-induced liver and lung damage.

My assessment of the monograph is highly positive.

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

According to the provided reference, Assoc. Prof. Delev's works have been cited 178 times in journals indexed in Scopus and/or Web of Science, including 147 citations in journals with impact factor, and six in non-indexed peer-reviewed journals. His publications have an h-index of 9 in Scopus and 7 in Web of Science.

VI. Comprehensive, qualitative evaluation of the educational and teaching activity, incl. scientific supervision of students, doctoral students, residents.

With 18 years of teaching experience, Assoc. Prof. Delev instructs medical and dental students in both Bulgarian and English, covering pharmacology and clinical pharmacology. He has also taught pharmacy students in pharmacology, pharmacotherapy, and toxicology. Over the past three years, his teaching workload has consistently exceeded 150% of the required load at MU-Plovdiv, as detailed below:

- 2020/2021: 759 student hours
- 2021/2022: 556 student hours

IX. Conclusion

The materials submitted by the candidate for this competition demonstrate that Assoc. Prof. Delyan Penev Delev, MD, PhD, fully meets the requirements for the academic position of "Professor" in accordance with the Development of the Academic Staff of the Republic of Bulgaria Act, its associated regulations, and the regulations of MU - Plovdiv. The scientific works and supporting evidence presented for his scientific and educational activities satisfy both the quantitative and qualitative criteria.

I confidently give my positive assessment of Assoc. Prof. Delyan Delev and recommend to the esteemed members of the Scientific Jury that he be awarded the academic position of "Professor" in the field of higher education 7. Health and Sport, professional direction 7.1. Medicine, with a specialty in "Pharmacology (including pharmacokinetics and chemotherapy)."

Reviewer:

(Assoc. Prof. Hristina Ivanova Zlatanova-Tenisheva, MD, PhD)

10.09.2024

