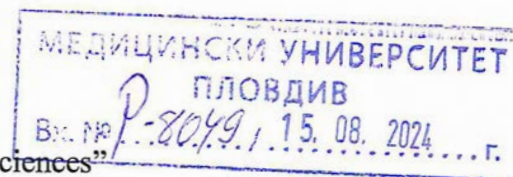


WRITTEN STATEMENT

from
Assoc. Prof. Valentina Belcheva, PhD
Trakia University,
Medical College, Department "Pharmaceutical sciences"



Member of the scientific jury appointed by Order No. P2159/24.06.2024. of the Vice-Rector of Medical University - Plovdiv in connection with the procedure for occupying the academic position of "Associate Professor" in the field 7.3. Pharmacy, by scientific specialty, under open position for the needs of MU-Plovdiv, Faculty of Public Health, Department of Health Care Management, announced in State Gazette, No. 35 / 19.04.2024.

The candidate for the position is Master of Pharmacy Anna Atanasova Mihaylova, PhD, Senior Lecturer at the Department of Health Care Management at the Faculty of Public Health at the Medical University – Plovdiv.

The submitted documents in connection with the open position are complete and in accordance with the requirements of the Rules of Procedure of the Medical University – Plovdiv and the Regulations for Academic Development at MU-Plovdiv, which allows for the evaluation of the candidate participating in the contest for the open position.

I. Analysis of the candidate's career profile.

Anna Atanasova Mihaylova, graduated in Pharmacy in 2008 at the Faculty of Pharmacy of the Medical University - Plovdiv. She has a Master's degree in Public Health and Health Management from 2004 from the Medical University of Sofia. Since 1997 he has been working at the Medical University of Plovdiv, and since 2009 she has been a senior lecturer in the specialty "Assistant Pharmacist" at the Medical College.

At the same time, she manages her own pharmacy business. In 2018 she obtained a PhD in Pharmacoeconomics and Pharmaceutical Regulation on "Epidemiological and pharmacoeconomic study of corticosteroid prophylaxis of hyelin-membrane disease in premature infants". She has acquired 2 specialties, in "Medical Pedagogy" 2007, Faculty of Public Health, Medical University of Sofia and in "Organization and Economics of Distribution and Pharmacy Practice" 2022, Faculty of Pharmacy, Medical University of Plovdiv. Since 2023, she has been a senior lecturer at the Department of Pharmaceutical Business Management, where she is the head of the newly created master's degree program "Pharmaceutical Business Management".

MScPharm Anna Mihaylova was responsible for the research activities of the specialty "Assistant Pharmacist" and a member of the Council of the Medical College at the Medical University - Plovdiv for the period 2012-2022.

Her career development fully corresponds to the field of the announced open position.

II. General description of the submitted materials for the open position.

MScPharm Anna Mihaylova has submitted all the necessary documents and evidence required by the Law for development of academics, the Regulations of MU-Plovdiv and the Regulations for Academic Development at MU-Plovdiv: CV, diplomas for higher education and for the degree of Doctor, certificate of English language proficiency (Cambridge English Level 2 Certificate in ESOL International C1), certificate of internship and reference for the academic positions held, Reference on the workload, a copy of the last attestation letter and evaluation of the candidate, monographs and chapters of monographs, list of scientific publications, list of participation in research and educational projects, reference for citations of publications and the necessary evidence, abstracts in Bulgarian and English, scientific contributions and self-assessment according to the mandatory scient metric criteria are presented. Additional documents certifying the candidate's participation in international scientific forums held in the country and abroad, work with students and etc.

III. Evaluation of the candidate's scientific works for the overall academic development.

In her career development, Anna Mihaylova is the author and co-author of over 90 scientific publications. She presented in this application for the open position with her scientific works, from 2012 until now, without those presented for the degree of "doctor". The presented scientific production includes 86 publications: 35 publications in scientific journals referenced in Scopus and Web of Science, of which 17 are with Impact Factor (Clarivate analytics); 51 publications in non-refereed journals with scientific peer review or published in edited collective volumes.

Anna Mihaylova has participated in 9 scientific and educational projects, of which 2 are international, and in 1 of the projects she is a leading expert.

The scientific contributions presented in the report are the result of the research and practical project activities of the candidate and the work with multidisciplinary teams, including students. The main directions in the research activity of Anna Mihaylova can be summarized in the following directions:

1. PHARMACEUTICAL REGULATION

- ✓ Dispensing and regulation of medicinal products and food supplements
- ✓ Regulation in crisis situations and the fight against certain infectious diseases.

2. PHARMACEUTICAL CARE

- ✓ Pharmaceutical care and patient consultations, the role of the pharmacist in the review of drug therapy
- ✓ Pharmaceutical care for certain chronic diseases
- ✓ Pharmaceutical care for specific populations
- ✓ Information and communication technologies and pharmaceutical care

3. PHARMACOECONOMIC ANALYSIS AND MEDICO-SOCIAL ASPECTS IN PREMATURE BABIES

- ✓ Health-economic assessment of the costs of premature babies with respiratory complications
- ✓ Pharmaco-economic and epidemiological study of prenatal corticosteroid prophylaxis
- ✓ Application of surfactant therapy

4. THE ROLE AND PLACE OF FOOD SUPPLEMENTS IN PHARMACEUTICAL PRACTICE

- ✓ Therapeutic action, benefits, regulation
- ✓ Undeclared formulations in food supplements and alternative products on the market

5. IMPROVING THE QUALITY OF TRAINING OF MEDICAL PROFESSIONALS

- ✓ Good Pharmaceutical Practices in Vocational Training
- ✓ Digitalization in modern vocational/medical education
- ✓ Additional opportunities for practical training and research

6. DEVELOPMENT OF E-HEALTH IN BULGARIA

- ✓ The importance of eHealth in optimising pharmaceutical care
- ✓ Telepharmacy – Clinical Benefits and Challenges
- ✓ Ethical challenges related to digital technologies and artificial intelligence in healthcare.

7. THERAPEUTIC APPROACHES AND REHABILITATION PROGRAMS FOR SOCIALLY SIGNIFICANT DISEASES

- ✓ Management of chronic diseases
- ✓ Modern dimensions of health tourism
- ✓ Multidisciplinary rehabilitation approaches

8. THE IMPACT OF THE COVID-19 PANDEMIC ON SOME ASPECTS OF SOCIAL LIFE

- ✓ Effective management of learning in a distance electronic environment
- ✓ Innovative technologies to help students
- ✓ Challenges for healthcare professionals in a pandemic

9. APPLICATION OF BIOPRINTING AND 3D PRINTING IN HEALTHCARE

- ✓ Application of bioprinting in personalized medicine, dentistry and in the pharmaceutical sector
- ✓ 3D (bio)printing in modern medical education
- ✓ Ethical and legal regulation of bioprinting

IV. Evaluation of the monographic work or equivalent publications submitted for application for the open position for "ASSOCIATE PROFESSOR" by the candidate.

The presented main monographic work "Good Pharmaceutical Practice in the Training of Assistant Pharmacists", published in 2020, with ISBN 978-619-236-208-9, contains 187 pages, and the volume and topic of the monographic work fully comply with the legal requirements.

The monograph is dedicated to multicomponent topical issues, namely the modern concept of good practices in the field of pharmacy, rules for standards and quality of the offered pharmaceutical and health services, public health and education intertwined with various aspects in the training of assistant pharmacists and their formation as health professionals. In this field, the author has many years of experience and skillfully intertwines pharmaceutical practice and pharmaceutical care with the educational service for the training and professional development of assistant pharmacists. Anna Mihaylova is the author of the curriculum and the content of the training course in the further discipline "Good Pharmaceutical Practice" at the Medical College of Plovdiv.

The presented monographic work co-authored by Mihaylova A., Parahuleva N. "Health and economic assessment of the costs of premature babies with respiratory complications", with ISBN 978-619-236 509-7 is the second extended edition of 2024 (first edition 2020) and contains 283 pages. A separation protocol certifying the co-authorship of the two authors of the collective monograph is correctly presented, and the volume and theme of the monographic work fully comply with the legal requirements. The monograph is dedicated to a topical problem worldwide, namely the consequences of premature birth in premature newborns, prevention of complications and respiratory pathology, presented in medical-social and health-economic aspects. A contribution is the pharmacoeconomic evaluation of the use of surfactant in premature infants.

Participation with published chapters in three collective monographs, which are the result of the applicant's project activity, is also presented.

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

A list and evidence for 68 citations in the Scopus and Web of Science databases are presented; 6 citations in monographs and books; 110 citations in non-refereed journals with scientific review. 156 of the publications are cited by foreign authors, 28 of the publications are cited by Bulgarian authors.

The H-Index of candidate Anna Mihaylova is 5 in Scopus and 4 in Web of Science.

VI. Complex, qualitative assessment of the educational, methodological and teaching activities, incl. scientific supervision of students, PhD students, postgraduates.

The report on the workload of Senior lecturer Anna Mihaylova for the last 3 years, respectively: 1250.6 hours, 1246.2 hours, and 881.6 hours, shows an extremely high academic workload, which exceeds the norm for non-habilitated teachers (360 hours). The candidate leads 30% of lectures, conducts practical exercises and seminars, participates in practical and theoretical exams, and is also a member of the State Examination Commission in Social Pharmacy at Medical College Plovdiv. She has worked actively with students and as a result has several joint publications and participations in national and international forums. She has been an advisor, mentor, and mentor to interns and students in various international programs.

VII. Critical remarks and recommendations.

VIII. An overall assessment of the applicant's compliance with the minimum national requirements under Art. 2b, para. 2 and 3, respectively of the requirements under Art. 2b, para. 5 of the Law for development of academics and the specific units for the Medical University – Plovdiv.

The indicators of Art. Rev. Anna Mihaylova and the required minimum number of points from the mandatory minimum requirements for occupying Associate Professor Law, as the candidate has **3610.3 points** and the minimum is 1270 points. The data show that the candidate Anna Mihaylova meets the mandatory conditions and significantly exceeds the quantitative criteria and scientometric indicators and the indicators of MU-Plovdiv for the field 7.3.Pharmacy for occupying the Academic position Associate Professor.

IX. Conclusion

Based on the above, I give my positive assessment and I am convinced that Senior Lecturer Anna Atanasova Mihaylova, PhD meets the requirements of the Law on Academic Development and Academic Development at MU-Plovdiv and I recommend to the esteemed members of the Scientific Jury to award the academic position of "Associate Professor" in the field of higher education 7. Health and Sports, professional field 7.3 Pharmacy in the specialty "Pharmacoeconomics and Pharmaceutical Regulation".

Date: 2.08.2024r

Signature:



Заличено на основание
Чл.5 §1, б."В" Регламент (ЕС)2016/679