

REVIEW

From: Prof. Manoela Metodieva Manova - Ovcharova, PhD, Medical University - Sofia,
Faculty of Pharmacy, member of the scientific jury, according Order R-109-173 of
23.04.2021. of the Rector of the Medical University - Varna

About

Competition for academic position "Professor" in the the field of higher education "3. Social, economic and legal sciences, professional field 3.7. Administration and management, in the scientific specialty "organization and management outside the field of material production" at MU-Varna, Medical College, specialty "Assistant Pharmacist", according to an announcement in the State Gazette, issue 17 /26.02.2021.

Only one candidate participated in the announced competition - Assoc. Prof. Antoaneta Zdravkova Tsvetkova, Ph.D.

The candidate submitted precisely and correctly all the necessary documents for participation in the competition, the documents are in accordance with the requirements of the Academic staff development in Republic of Bulgaria Act, the Regulation for its implementation and the Regulation for development of the academic staff of MU-Varna.

Brief data on the candidate's career development

Associate Professor Antoaneta Zdravkova Tsvetkova initially received the educational degree of professional bachelor assistant pharmacist and subsequently acquired the educational degrees bachelor (2007) and master (2008) in Health Management at MU-Varna, and in 2021 also acquired a master's degree in Health Technology Assessment at the Medical University of Sofia.

In 2015 the candidate successfully defended her doctoral dissertation on the topic: Social and pharmacoeconomic aspects of the use of over-the-counter drugs and acquire PhD in the scientific specialty "Organization and management outside the field of material production".

Her work experience began as a pharmacist in a hospital pharmacy, then she has extensive professional experience in pharmacy and wholesaler of medicinal products.

Her teaching career began in 2010, initially as a part-time lecturer, and later successively held the position of assistant, full-time doctoral student, doctor and associate professor. Since 2010 after a competition she was appointed assistant, head of UNS "Assistant Pharmacist" at the Medical College, MU-Varna, where she is currently Director of the Medical College at MU-Varna.

In 2015 she was elected "Associate Professor" in the specialty: "Organization and management outside the field of material production."

Assoc. Prof. Tsvetkova participates in the teaching of the master's program in the discipline "Pharmacoeconomics" of Faculty of pharmacy - Varna, lectures and practicals in the master's program Pharmaceutical Management in Faculty of public health of MU Varna in the discipline "Applied aspects of economic theory in the health and pharmaceutical sector", "Organization of work and care for OTC medicinal products", lectures and practicals in the disciplines "Social Pharmacy and Pharmaceutical Legislation" and "Medical Devices" in Medical college - Varna and is currently responsible for internship practice of assistant pharmacists in Medical college - Varna.

Description of presented materials:

Presented academic report on publications, citations and scientometric indicators for holding an academic position, shows that Assoc. Prof. Tsvetkova participates with 15 articles, out of which 5 in scientific journals, indexed and referenced in world-famous databases of scientific information, and 10 articles in non-refereed journals with scientific review and 28 participations in national and international scientific forums. Data are presented both in the academic reference and additional for citations in ResearchGate-22, Google Scholar-46, publons-7. The citations cover the requirements of the Academic staff development in Republic of Bulgaria Act and the Regulation of the Medical University of Varna.

In the competition for academic degree Professor are presented:

1. PhD thesis for educational and scientific degree PhD- "Social and pharmacoeconomic aspects of the use of over-the-counter drugs". MU-Varna; 2015
2. Habilitation work - monograph. "Regional health policy-assessment and opportunities for optimization. Promotion of policies of the Municipality of Varna related to the health of its residents for the period 2015-2019. [monograph]. Varna: MU-Varna; 2021. 145 pp. ISBN: 978-619-221-312-1. "
3. Published book on the basis of a defended dissertation for awarding the ONS "Doctor" or for awarding the NS "Doctor of Sciences" "OTC medicinal products - market, aspects of use, user profile - [dissertation book]. Varna: MU-Varna; 2021. 186 pp. ISBN: 978-619-221-311-4. "
4. Articles and reports published in scientific journals, referenced and indexed in world-famous databases with scientific information - 5
5. Articles and reports published in non-refereed journals with scientific review or published in edited collective volumes - 10

The presented materials cover the required minimum of (200 points) - 205 points.

In the articles she is an independent author - 3., First author - 6., Co-author - 6. 5 of the articles cover the requirements of MU-Varna, the points in column Г should be 200 and 50 of them should be from scientific publications, referenced and indexed in world-famous databases.

6. List of citations covering the requirements for academic position of "professor" total number of points - 120 (100 points required minimum).

Also 4 full-text publications in scientific journals and collections outside the minimum requirements for the academic position of "professor" are presented.

Assoc. Prof. Antoaneta Tsvetkova is the research supervisor of two PhD students, one of them has successfully defended his dissertation for the acquisition of educational and scientific degree "PhD" in 2021.

Participation in two national scientific or educational projects under OP Human Resources Development is presented, as well as four participations in international projects. She was also an academic mentor on project BG051PO001-3.3.7-0002-C0001 "Student Internships" under OP "Human Resources Development" and according to this indicator of the minimum required number of points 100, Assoc. Prof. Tsvetkova has 208 points.

Assoc. Prof. Antoaneta Tsvetkova has active scientific profiles in: Google Scholar, ResearchGate, ORCID; PUBLONS and is a member of the WHO European Partnership Network "Regions for Health", Bulgarian Scientific Society for Public Health, the Bulgarian Association of Pharmacoeconomics (ISPOR Bulgarian Chapter), the Bulgarian Association of Sleep Apnea and Snoring, the International Black Sea Otolaryngology and Neurotology Association, Bulgarian Academy of Sleep Medicine.

Assessment of scientific contributions

The scientific work of Assoc. prof. Antoaneta Tsvetkova covers the following main areas: Health technologies assessment, Management and development of pharmaceutical care, Marketing of OTC drugs and Analysis of the health system and regional health policy. The presented monograph "Evaluation of health technologies - from policies to the patient. Application of health technologies in screening, therapy and prevention of type 2 diabetes mellitus" is of particular interest, as it presents the results of studies in the field of diabetes in the municipality of Varna, and has practical significance and considers the process of health technology assessment of not only on national level but also at the regional level. The involvement of regional authorities in the HTA process is an innovation in Bulgaria and is an indisputable contribution of publications in this field.

Results of other researches of the author in the field of diabetes, breast cancer in the municipality of Varna are also presented, as the frequency of the disease, the used medicinal products and funds paid by the RHIF are examined.

Research in the field of Pharmaceutical Care proves the leading role of pharmacists in improving drug use, which leads to cost containment and reduction.

In the field of the use of over-the-counter medicinal products, the international processes and the general trends in the pharmaceutical sector, influencing the changes in the pharmaceutical market and the user profile are analyzed. The publications in this field confirm global trends.

Based on the publications in the field of analysis of the health system and regional health policy, proposals have been developed for improving the health reform by increasing the health culture of the population through the collaboration between the local government and the universities in the city; the need of systematic approach for implementation of preventive health programs as part of the Regional Health Policy and at the local level is pointed out and also the need to create an integrated approach for prevention of non-communicable diseases and resolving health inequalities. As an extremely valuable contribution of Assoc. prof. Tsvetkova I consider her participation as chairman and member of the permanent and temporary commissions of the Municipal Council - Varna, which is undoubtedly the basis of improved collaboration between local government and the scientific community to improve the health system at regional level.

Assessment of teaching activity :

Assoc. prof. Antoaneta Tsvetkova has over 10 years of teaching experience at MU-Varna, completing fully the required horarium. Since 2010 she participates in the master's program in the discipline "Pharmacoeconomics" of Faculty of pharmacy- Varna, leading lectures and practicals in the master's program Pharmaceutical Management in Faculty of public health - MU Varna in the discipline "Applied aspects of economic theory in the health and pharmaceutical sector", "Organization of work and care for over-the-counter drugs", as well as lectures and practicals in the disciplines "Social Pharmacy and Pharmaceutical Legislation" "Medical Devices" in Medical College - Varna, she is the responsible for internship practice of assistant pharmacists in Medical college - Varna. She has participation and co-authorship in one textbook and two books for students.

Conclusion:

Based on the presented scientific papers, scientific activity, teaching and scientific contributions, my opinion is that Assoc. prof. Antoaneta Tsvetkova, Ph.D. meets the criteria for awarding the academic degree "Professor" according to Academic staff development in

Republic of Bulgaria Act and the Regulation for development of the academic staff of MU-Varna.

Based on all the above, I am very convinced and would like to recommend to the esteemed jury to choose a professor in the field of higher education. "3. Social, economic and legal sciences, professional field 3.7. Administration and management, in the scientific specialty "Organization and management outside the field of material production" at MU-Varna, Medical College, UNS "Assistant Pharmacist", Associate Professor Antoaneta Zdravkova Tsvetkova, Ph.D.

19.05.2021

Sofia



prof. Manoela Manova - Ovcharova