

## OPINION

**of prof. Kancho Trifonov Tchamov, MD, PhD, member of scientific jury by order № ПД 38–156 / 02.04.2020 of the Rector of Sofia University “St. Kliment Ohridsky”**

**With reference to:** Contest for the academic position „Associate Professor” in professional field 7.3 “Pharmacy” scientific specialty “Social medicine and organization of health care and pharmacy” published in State Gazette № 21/13.03.2020 for the needs of Faculty of Chemistry and Pharmacy of the Sofia University “St. Kliment Ohridsky”. The only candidate for the position is Chief Assistant Professor (CAP) Kalina Gocheva Andreevska, PhD.

### **1. Career development of the candidate**

Chief Assistant Professor Kalina Gocheva Andreevska Ph.D. is born on 13.01.1972 in town Sredetz, Burgas region. In 1991 she graduated from the English Language School “Geo Milev” in Burgas. In 1994 she graduated from the Medical College “Yordanka Filaretova” at the Medical University – Sofia. During the period 1994-2001 she worked as assistant pharmacist at the Faculty of Pharmacy (FPh) at Medical University – Sofia. In 2000 graduated with excellent marks the Faculty of Pharmacy at Sofia Medical University and acquired the educational qualification degree “Master of Pharmacy”. Her professional career started as research fellow in the Chair of “Social Pharmacy” at FPh of Medical University – Sofia and as part time “medical representative” in the pharmaceutical company “Glaxo Wellcome”. During the period 2001-2008 she worked consequently as “medical representative” and as “product manager” in Boeringer Ingelheim GmbH company. In 2007 acquired certificate for a specialist in “Organization and economics of wholesales and pharmacy practice” from the FPh of Medical University – Sofia. During the period 2011-2018 after winning a contest for academic position in the Faculty of Pharmacy at Medical University–Plovdiv she is successively assistant and chief assistant professor. In 2011 defends dissertation thesis entitled “Medico-social and economic studies of medicinal use in patients with chronic obstructive lung disease” and acquires the educational and scientific degree “Doctor” in “Social medicine and organization of public health and pharmacy”. Since 2018 till now she is Chief Assistant Professor at the laboratory “Social Pharmacy” in the Department of “Physical Chemistry” in the Faculty of Chemistry and Pharmacy at Sofia University “St. Kliment Ohridski”. CAP Kalina Andreevska attended 8 postgraduate training courses in different European countries in areas such as pharmaceutical marketing and management, advertisement and information, pharmacoconomics, drug promotion etc. The candidate knows fluently English and has working knowledge of Russian language. The brief career development information of the candidate shows systematic pursuit of professional development and improvement.

### **2. Research activity and publications**

Ch. Assist. Prof. Kalina Andreevska, PhD participates in the contest with 129 scientific publications not included in the procedure for defending the thesis for acquisition of “Doctor of Philosophy” degree. The complete scientific production of the candidate includes:

- ✓ Monograph entitled “Pharmaceutical care in the pharmaceutical practice” – 1 item.

- ✓ Published chapter of a collective monograph – 3 titles.
- ✓ Publications and reports published in scientific journals, referenced and indexed in world known databases of scientific information – 21 titles, 11 of which published in journals with impact factor.
- ✓ Publications and reports published in non-refereed scientific peer-reviewed journals or in peer-reviewed journals collective volumes – 94 titles (1 of which in press).
- ✓ Textbooks and teaching aids – 10 items.
- ✓ Participation with reports in scientific forums – 55 titles

The publications in the last section I consider as a proof for active publication standpoint on actual problems and innovations in the pharmaceutical science and practice.

### 3. Areas of research and scientific contributions

The scientific production of the candidate encompass a large spectrum of problems in the domain of the scientific specialty “Social medicine and organization of health care and pharmacy” and schematically could be grouped in the following thematic directions:

- Pharmaceutical care
- Pharmacotherapy of socially significant diseases and clinical pharmacy
- Pharmaceutical marketing and management
- History of pharmacy
- Pharmacovigilance
- Pharmacoeconomics

The predominant share of the scientific publications of Ch. Assist. Prof. Kalina Andreevska are distributed in the following areas: pharmaceutical care – 27 publications; research on COPD and asthma - 22 publications; pharmaceutical marketing and management - 19 publications; history of pharmacy - 14 publications. The first three thematic directions are most thoroughly developed in the candidate’s research endeavours. Her scientific contributions outlined below are related to:

- analysis and general conclusions of theoretical standpoints and applied approaches of the concept of “pharmaceutical care” as an independent scientific direction;
- development and implementation of models for the introduction of pharmaceutical care in the pharmaceutical practice, as well as in serving high risk groups of patients focused on pediatric and geriatric therapy in Bulgaria;
- working out rules and approaches for ethical professional behaviour of pharmacists and for optimizing the interrelations between pharmacists – patients – physicians;

original analysis and assessments of up-to-date drug therapy of COPD, diabetes, asthma and cardiovascular diseases in their various clinical manifestations - social, economic, psychological, pharmaceutical care, pharmacotherapy, etc.

- development and application of original marketing approaches for the introduction of new pharmaceutical products on the market, as well as defining new marketing concepts for the same purpose.

The publications of the candidate in these thematic areas are distinguished by the preciseness of the applied methodological instruments, by the accuracy of the results received and by their analytic and applied science character.

The research production of the candidate in the areas of drug safety and history of pharmacy are of high practical and scientifically informative value.

#### **4. Teaching activities**

Ch. Assist. Prof. K. Andreevska, took part in the teaching of pharmacy students on the following disciplines: social pharmacy and pharmaceutical legislation; pharmacoeconomics; pharmaceutical care and history of pharmacy. The annual teaching workload of the candidate is as follows: for the period 2018–2019 includes – 274,5 teaching hours, out of which 210 hours classroom employment and for 2019-2020 includes 305,6 teaching hours, respectively 210 hours classroom employment. Registered is the candidate's participation in the development of teaching curricula for pharmacy students in the disciplines "Pharmaceutical care", "Social pharmacy and pharmaceutical legislation", "Pharmacoeconomics" and "History of pharmacy".

Presented is documented evidence for her active academic work with students by involving them in research and publication activities. Presented are 5 articles published in scientific journals and 9 reports from scientific forums in co-authorship with students of the Faculty of Chemistry and Pharmacy of the University.

#### **5. Membership in scientific and professional organizations**

The candidate is a member of the following organizations:

- ✓ Since 2011 - Member of the Balkan Medical Union
- ✓ Since 2016 - Member of the Management Board of Balkan Medical Union
- ✓ Since 2014 - Member of the control group of the Bulgarian Association of Drug Information

#### **6. Participation in national research projects**

Ch. Assist. Prof. K. Andreevska took part in the following 2 research projects:

- ✓ Project: "Pharmaco-social, pharmacotechnological and pharmacoeconomic study of the treatment of COPD". Contract 36/2013, Medical University – Sofia.
- ✓ Project: "Study of the system for reporting adverse reactions among pharmacists and patients in Bulgaria 2017". Contract with the University Fund for Scientific Research, Faculty of Chemistry and Pharmacy, Sofia University "St. Kliment Ohridski".

#### **7. Compliance with the national minimum requirements for academic staff development**

Group A – fulfilled – 50 points

Group B – fulfilled – 132,6 points

Group G – fulfilled – 864,3 points

Group D – fulfilled – 245 points

**Total score: 1291,9 points**

### CONCLUSION

In the present contest for the academic position „Associate Professor” participates as the only candidate Chief Assistant Professor Kalina Gocheva Andreevska, PhD. The assessment of her scientific, teaching and publication activities shows: contributory character of the publications presented; published research results with scientific and practical value; published monographic work, co-authorship in monographs and textbooks; participation in national research projects. In compliance with the Law for Development of the Academic staff in Republic of Bulgaria and the Rules for the Terms and Conditions for Acquisition of Academic Degrees and Occupation of Academic Positions at Sofia University “St. Kliment Ohridsky” I support the candidate and will vote positively for the award of the academic position “Associate Professor” to Ch. Assist. Prof. Kalina Gocheva Andreevska, Ph.D. in professional field 7.3 “Pharmacy”, scientific specialty “Social medicine and organization of health care and pharmacy” for the needs of the Faculty of Chemistry and Pharmacy at Sofia University “St. Kliment Ohridsky”.

10.09.2020

Sofia

Prof. Kancho Tchamov, MD, PhD