

Short academic review

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RE: Competition for "associate professor" in the field of higher education 7. Health care and sports, professional direction 7.1. Medicine, specialty "General and Clinical pathology", at the Faculty of Medicine, Department "General and Clinical Pathology, Forensic Medicine and Deontology", MU-Varna and Clinic "Pathology" at "Saint Marina" University Hospital – Varna

1. Information about the contest

The competition was announced in the State Gazette, no. 28 of 28.03.2023. By order of the Rector of the MU - Varna No. P-109-266/25.05.2023, I was elected as an internal member of the Scientific Jury, and on the basis of Protocol No. 1/07.06.2023 of held first meeting of the Scientific Jury, I was appointed as the chairman with the determined to prepare a review on the procedure for occupying the academic position of "associate professor" with the specialty "General and Clinical Pathology" with a single candidate, Dr. Kalin Petrov Kalchev, PhD, chief assistant at the Department of General and clinical pathology, forensic medicine and deontology, at the Medical University - Varna.

2. Biographical data, education and career development of the candidate

Dr. Kalin Kalchev was born on 19.07.1974 in the city of Dobrich. In 2001, he graduated with a very good grade from the Medical University - Varna, majoring in "Medicine" (diploma with reg. no. 020638). After completing his higher education, he worked for two months in the surgery department at the MBAL -

Tervel and subsequently for a year and a half as a general practitioner a doctor in the village of Telerig.

From 01.01. 2004, he was appointed as a resident pathologist at MBAL - Dobrich and began specialization in pathology at the Department of "General and Clinical Pathology" at the Medical University - Varna. In the following year, he was appointed as a resident in the Clinic of General and Clinical Pathology at the "Sveta Marina" UMBAL, Varna, and from July 2006 he was elected as an assistant in the same department after a successful presentation in a competition. As an assistant, Dr. Kalchev conducts practical classes for students of medicine and dentistry, Bulgarian and English language training, pharmacists and laboratory assistants, he also gave separate lectures on medicine, dentistry, pharmacy and to laboratory assistants from the medical college.

Acquired the specialty "Pathology and cytopathology" (diploma with reg. no. 015143/20.01.2010). In 2013 and 2014, Dr. Kalchev worked short-term as a locum pathologist in Sweden, Scotland, England and Wales.

In 2020, he acquired the Educational and Scientific Degree "Doctor" in the specialty "General and Clinical Pathology" on the topic: "Expression of necroptosis marker RIP3 in cases of prostate carcinoma".

Dr. Kalchev has over 19 years of work experience in the specialty and maintains his qualification through specializations, some abroad, diagnostic seminars and pedagogical courses. He is a member of the Bulgarian Society of Pathology and the Bulgarian Medical Union.

3. Scientific indicators

The candidate submitted for evaluation a total of 28 full-text publications in Bulgarian or English, distributed as follows:

- A PhD Thesis (no abstract presented), entitled: "Expression of necroptosis marker RIP3 in cases of prostate carcinoma", in 2020.
- 11 full-text scientific publications in journals that are referenced and indexed in world-renowned databases with scientific information (Web of Science and Scopus), recognized by NACID at the Ministry of Education and Science – instead of a habilitation monographic work
- 9 full-text scientific publications in refereed and indexed c world-renowned databases of scientific information
- 6 full-text articles in non-refereed publications
- two more articles beyond the minimum scientometric requirements
- Additional materials from presented reports and posters (15 in total) from held scientific forums

Dr. Kalchev's publications have a total Impact Factor of 36.528

Table 1. Compliance with the scientometric requirements of the Medical University - Varna for holding the position of "associate professor" presented by the candidate and the Academic reference prepared by the Library of the Medical University - Varna:

GROUP OF INDICATORS	Content	Assoc. Professor (number of points)	Dr. Kalchev (number of points)
A	Indicator 1	50	50
Б	Indicator 2	Not required	
B	Indicator 3 or 4	100	100.87
Г	Sum of indicators 5÷9	200	215.5
Д	Sum of indicators 10÷12	50	105

From the Comparison Table it can be seen that the evidence for scientific activity provided by the candidate meets the regulatory requirements for the position under the competition.

Dr. Kalchev's publication activity is focused on the diagnosis of prostate carcinoma, and an important part of these studies is the analysis of alternative molecular mechanisms of cell death and cell survival, through the study of necroptosis and its associated RIPK3.

Most of the scientific developments are in collaboration with authors from different medical specialties, which testifies to an interdisciplinary approach and Dr. Kalchev's ability to work in a team. The candidate's scientific output demonstrates knowledge, accurate selection and skillful application of both classical pathology methods and the latest diagnostic procedures.

Dr. Kalchev is involved in four research projects under the "Science" Fund, all in the field of oncopathology.

4. Teaching activity

Dr. Kalin Kalchev has more than 15 years of teaching experience. He participates in the pathology training of students in the master's programs in medicine and dentistry and of bachelors - laboratory assistants, and for the last 5 years, according to the study report, he has 1326 hours, of which 1062 hours were taught to students studying English.

5. Therapeutic and diagnostic activity


Dr. Kalchev knows all methods of diagnostic pathology and has foreign experience. Makes an extraordinary effort to maintain his qualifications and increase his skills. He participated in educational courses in the country and abroad and performed some highly specialized research in pathology, such as: assessment of HER-2 DISH in breast and stomach carcinoma, PD-L1 expression in non-small cell lung carcinoma, head tumors and neck, breast and urothelial carcinoma.

6. CONCLUSION

The documentation submitted for the Competition is in full volume, and the scientific works fully meet the requirements of the Law on the Development of the Academic Staff in the Republic of Bulgaria and the Regulations for the Development of the Academic Staff at the University of Varna. Dr. Kalchev is a specialist pathologist and teacher with sufficient experience in the Department of General and Clinical Pathology.

All this gives me reasons to express my positive assessment and to recommend to the Honorable Scientific Jury to award Dr. Kalin Petrov Kalchev the academic position of "associate professor" for the needs of the "General and Clinical Pathology" Department of Medical University - Varna.

August 14th, 2023
Varna

Signature: 
(Assoc. prof. Deyan Dzhenev, PhD)

