

STATEMENT

of the educational activity and scientific output of senior lecturer **Pavlina Penkova Teneva, PhD**, participating in a competition for the academic position “Associate Professor” in Health Care Management, main specialty *Medical Laboratory Technician*, field of Higher Education 7. Health Care and Sports, professional direction 7.4. Public Health

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Appointed as a member of the Scientific Committee, under Order No.1334/19.04.2023 of the Rector of *Trakia University – Stara Zagora*.

Regarding: Competition for the academic position of “Associate Professor” in Health Care Management, main specialty *Medical Laboratory Technician*, field of higher education 7. Health care and sports, professional direction 7.4. Public Health for the need of specialty *Medical Laboratory Technician* full-time position at Medical College at *Trakia University – Stara Zagora*, announced in SG issue 26/21.03.2023.

I. General presentation of the procedure

The procedure for announcing the competition for acquiring the academic position “Associate Professor” has met all requirements. Only one candidate – senior lecturer **Pavlina Penkova Teneva, PhD** submitted documents within the legal deadline.

The materials provided by the candidate contain all the necessary information for evaluation and correspond to the Regulations for the Development of the Academic Staff at *Trakia University – Stara Zagora*.

II. Biographical data and professional development

Senior lecturer **Pavlina Penkova Teneva, PhD** is a university teacher who has established herself with high professional competences in the field of clinical laboratory, quality control in laboratory practice, health care, clinical practice and pre-diploma internship in the specialty *Medical Laboratory Technician*; with the quality of her teaching activity; with the high degree of professionalism; with the human virtues, which she possesses such as humanity, a high sense of duty and responsibility, self-demandingness, equitability and consistency in relations with people. Senior lecturer **Pavlina Penkova Teneva, PhD** was born in 1978 in the city of *Stara Zagora*. In 2000 she graduated from Medical College – Sliven at *Trakia University, Stara Zagora* with educational qualification degree “Specialist” in specialty *Medical Laboratory Technician* and acquired professional qualification *Medical Laboratory Technician*. She graduated with Bachelor’s degree in specialty *Social Activities* with a professional qualification *Social Activities* from the *Veliko Tarnovo University St. St. Cyril and Methodius - Veliko Tarnovo* in 2003. And in 2009 she graduated with a Master’s degree from the *Prof. Dr. Paraskev Stoyanov, Medical University, Department of Public Health – Varna – specialty Health Care Management* and professional qualification *Health care manager and practical teacher*.

In 2023 she acquired a Doctoral educational qualification degree, after defending PhD thesis with topic: "Practical training of medical laboratory workers for the forming of professional skills and competencies" at the Healthcare Department of the Sliven Branch of *Prof. Dr. Paraskev Stoyanov*, Medical University – Varna in the field of Higher education 7. Health Care and Sports, professional direction 7.4. Public Health, scientific specialty Health Care Management.

All this fits into her entire professional path: from 2001 until 2009 she worked under main employment contract as a Medical laboratory technician in the Central Clinical Laboratory of University Multi-Profile Hospital for Active Treatment - EAD Stara Zagora and under an additional employment contract as a Medical laboratory technician /from 2002 until 2003 in TRANSPORT DIAGNOSTIC AND CONSULTING CENTRE EOOD Stara Zagora and from 2012 - 2014 in *Beroe* Medical Complex - Stara Zagora/.

Senior lecturer **Pavlina Teneva, PhD** started her teaching activity from 2007 until 2009 as a part-time lecturer at Clinical Practice at the Medical College of *Trakia University* - Stara Zagora. In the period from 2009 until 2016 **Pavlina Teneva, PhD** worked at the Medical College of *Trakia University* Stara Zagora as a lecturer and head of the Medical Laboratory Technician specialty, and in 2016 – 2019 as a senior lecturer. From January 2020 and until now she continues to work as the Deputy Director of the Medical College at *Trakia University* Stara Zagora.

III. Educational and teaching activity

The analysis of the teaching activity of senior lecturer **Pavlina Teneva, PhD** shows that it is completely related to the theme of the competition. She participates in the practical training of the *Medical Laboratory Technician* specialty. She leads the academic disciplines: Clinical Laboratory - training with a 360-hour course for the 2nd year students and Clinical Practice with a 300-hour course for the 1st, 2nd and 3rd year students, specialty *Medical Laboratory Technician* at the Medical College of *Trakia University* - Stara Zagora. She leads the teaching of the course Quality Control in Laboratory Practice.

The content analysis of the taught subjects shows that all of them are related to the theme of the competition. Her study load is sufficient.

She is a respected and sought-after teacher. Her ability to work with students, motivate them, stimulate their independent work and involve them in research activities is impressive. In this regard, the monograph written by senior lecturer **Pavlina Teneva, PhD**, has a special place and value.

Pavlina Teneva, PhD has presented information on 5 mobilities with acquired specialisations under the Erasmus + Programme in the Republic of Bulgaria and abroad. She has participated in 10 thematic continuing education courses related to her professional development, namely: Automation in the clinical laboratory; Quality in the Clinical Laboratory; Transfusion hematology - immunohematological diagnostics in patients with upcoming blood transfusion in emergency and planned conditions and others. She has participated in 10 projects with university funding and European co-financing.

The diplomas and certificates awarded to senior teacher **Pavlina Teneva, PhD** are a sign of her high contribution to the publication activity of the Medical College at *Trakia University* - Stara Zagora.

IV. Scientific and applied scientific activity

Senior lecturer **Pavlina Teneva, PhD** participates with a total of monograph, 24 scientific publications in Bulgarian and international refereed journals, which, in accordance with the

requirements of the Development of the Academic Staff in the Republic of Bulgaria Act, the Regulations for its application and the Regulations of *Trakia* University - Stara Zagora, do not repeat those presented for the acquisition of the Doctoral educational and scientific degree. Out of the 24 publications presented, she is the first author of 7 of them, the second author of 11 of them, and third and consequent author of 6 of them.

The content analysis of the scientific output, with which senior lecturer **Pavlina Teneva, PhD** participates in the competition shows that it is fully related to the theme of the competition.

Her monographic work on the topic “**The pre-analytical stage - a guarantee for the reliability of the laboratory result**”, 2023, publishing house “KOTA” EOOD – Stara Zagora, p.132, ISBN: 978-954-305-640-8, is generally a contribution to the work of the medical laboratory technician. The work is appropriately structured. The relevance, scientific and practical-applied significance of the organisational and educational aspects of the pre-analytical stage is substantiated. It includes state-of-the-art procedures for validating and developing pre-analytical algorithm performance precision, as well as the technique for performing all activities, sources of error, and standard guidelines to prevent and exclude to some extent the influence of pre-laboratory factors on the final laboratory results. The possibilities for precise execution of the procedures in the pre-analytical stage are revealed, which are a guarantee of obtaining a reliable final laboratory result.

The 24 full-text publications submitted for review outline current problems, regularities, conditions and trends in the field of the *Medical Laboratory Technician* specialty, professional field Health Care.

Senior lecturer Pavlina Teneva offers various aspects of adequate methods and means to achieve high quality in the training of students from the *Medical Laboratory Technician* specialty, increasing their motivation and professional realisation.

The scientific-research and practical-applied activity of senior lecturer **Pavlina Teneva, PhD** can be divided into the following main directions:

- The scientific and research contributions in the field of medical education in the professional direction Health Care, specialty *Medical Laboratory Technician* at Medical College – organisation and quality of training, motivation and professional realisation (No. 2, 5, 7, 8, 11, 12, 14, 15, 16, 18, 22 and 24).
- Scientific and research contributions in the field of public health (No. 4, 6, 9, 10, 13, 17 and 19).
- Scientific and research contributions in the field of clinical laboratory and multidisciplinary scientific studies (No. 1, 3, 20, 21, 22 and 23).

The specified directions of the candidate's research activity are of an original, scientific - applied nature and are capable of enriching scientific knowledge.

Indicator of the quality of the scientific production of senior lecturer **Pavlina Teneva, PhD** are also the documented 12 citations in scientific publications, referenced and indexed.

Senior lecturer **Pavlina Teneva, PhD** is an established scientist - researcher and university teacher not only in the Republic of Bulgaria, but also abroad. The reason for this is her active participation in various scientific forums with scientific reports in university and international scientific forums held in the Republic of Bulgaria and international scientific conferences held outside Bulgaria.

During the analyzed period, senior lecturer **Pavlina Teneva, PhD** participated in four research projects of the Medical College.

V. Conclusion

The overall analysis of the educational and research activities of senior lecturer **Pavlina Penkova Teneva, Ph.D.** is impressive with her high competence and awareness in the field of scientific knowledge and in particular - in the field of clinical laboratory, quality control in laboratory practice, health care, clinical practice and pre-graduate internship in the specialty *Medical Laboratory Technician*. It meets the requirements of the Development of the Academic Staff in the Republic of Bulgaria Act and the minimum requirements for "Associate Professor".

Having in mind the teaching and research status of senior lecturer **Pavlina Penkova Teneva, Ph.D.** and her real contributions to scientific knowledge, I confidently suggest to the respected members of the scientific jury and to the respected members of the Academic Council of Thrace University - Stara Zagora to award her the academic position "Associate Professor" in Health Care Management in the field of higher education 7. Health Care and Sports, professional direction 7.4. Public Health for the need of specialty *Medical Laboratory Technician* full-time position at Medical College at *Trakia* University – Stara Zagora.

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City of Stara Zagora

Statement prepared by:.....
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