

OPINION

by Prof. Dr. Hristo Stoyanov Bozov, MD,
Department of Rehabilitation and Marine Medicine, Faculty of Public Health and Health
Care, University "Prof. Dr. Asen Zlatarov" - Burgas
under an announced competition for the academic position of "Associate Professor"
from the University "Prof. Dr. Asen Zlatarov" - Burgas

The competition is announced in the field of higher education: in the field of higher education 7. Health and sports, professional field 7.1. Medicine, scientific specialty in the field of "Clinical Laboratory", SG, issue 87 of 19.10.2021

The reason for writing the opinion is Order № RD-378 / 21.12.2021 of the Rector of the University "Prof. Dr. Asen Zlatarov" - Burgas to determine the scientific jury and the first meeting of the scientific jury, at which I was appointed to prepare an opinion.

This opinion has been written in accordance with the Law on the Development of Academic Staff in the Republic of Bulgaria, the Regulations for Implementation of the same and the Regulations on the Terms and Conditions for Acquisition of Scientific Degrees and Academic Positions at the University "Prof. Dr. Assen Zlatarov" - Burgas.

The only candidate in the competition is Dr. Stoyanka Tancheva Ilieva, MD.

1. General information about the candidate

Dr. Stoyanka Tancheva Ilieva, MD was born on February 15, 1962 in the village of Dobroplodno, Varna region. She graduated her high school education in 1980 at ESPU "Sabi Dichev" Valchi dol (Varna). In 1986 she graduated Human Medicine at the Medical Academy, Higher Medical University of Varna (Diploma № 001279/1986). In 2007 she received a diploma in the educational qualification degree "Master" in "Health Management" from the Faculty of Public Health at the Medical University "Prof. Dr. Paraskev Stoyanov" Varna (Diploma № 080165/2007). In 2017 she acquires a master degree in Psychology from the Faculty of Law at Varna Free University "Chernorizets

Hrabar" (Diploma № 034125/2017), and in 2018 she acquires a professional qualification in Psychological Counseling and Introduction to Psychotherapy after completing a postgraduate qualification course at the same university (Diploma №000097 / 05.11.2018).

Dr. Stoyanka Tancheva Ilieva has three recognized medical specialties: Clinical Laboratory, Higher Medical University Sofia (Diploma №40922 / 25.02.1993); specialty Internal Medicine, Medical University of Sofia (Diploma №005508 / 20.02.1999); specialty General Medicine, Medical University of Varna (Diploma №007405 / 18.06.2002).

In 2019 she obtained an educational and scientific degree "Doctor" in Pathophysiology in the professional field 7.1. Medicine with theme of dissertation "Pathophysiological aspects of active tubulo-interstitial bacterial nephritis according to clinical and laboratory data" Medical University "Prof. Dr. Paraskev Stoyanov" - Varna (Diploma 6 326 / 07.01.2019).

From the attached documents it is evident that the work experience of the candidate began in the Polyclinic Loznitsa - Razgrad (October 24, 1986 - July 6, 1987) as an obstetrician-gynecologist. In the period 01.12.1989 - 16.05.2010 she worked as a doctor in the Central Committee Laboratory at the University Hospital "St. Marina" - Varna, and in the period 16.05.2010 - 23.10.2012 as a manager of the laboratory in SMDL "Kandilarov" Ltd. Varna. From 23.10.2012 until now he heads the clinical laboratory at the Medical Center "St. Anna" Ltd. Varna.

The teaching activity of Dr. Stoyanka Tancheva Ilieva began in 1987 as an assistant in the Department of Physiology and Pathophysiology at the Medical University of Varna. In the period 14.08.1989 - 21.12.1994 she was first an assistant, and 21.12.1994 - 03.11.2008 - senior assistant at the Department of Clinical Laboratory, Medical University of Varna. In the period 03.11.2008 - 14.04.2015 she was a chief assistant, and then until now - an assistant in the Department of General Medicine and Clinical Laboratory.

2. Description of the presented materials

The presented set of materials and documents for participation in the competition is in accordance with Art. 67. (2) of the Regulations on the terms and conditions for acquiring scientific degrees and holding academic positions at the University "Prof. Dr. Asen Zlatarov" - Burgas and includes:

- Required documents - application to the Rector for participation in the competition; a copy of the announcement in the SG; Creative biography;
- Certificate of work experience at the Medical University "Prof. Dr. Paraskev Stoyanov" - Varna;
- Copies of diplomas for secondary, higher education, for acquired specialties and for the educational and scientific degree "doctor";
- Evidence for teaching and learning activities;
- Certificates of specializations, participation in scientific forums, trainings;
- 6 references for the citations of the candidate of 6 author's articles;
- Information on the fulfillment of the minimum national requirements for holding the academic position of "Associate Professor";
- Full-text copies of the author's scientific papers for participation in the competition.

In the submitted documents and materials I did not find lists of publications for participation in the competition; declarations for co-authorship in accordance with PURPNSZAD of the University "Prof. Dr. Asen Zlatarov" - Burgas.

3. General characteristics of the scientific, scientific-applied activity and assessment of the personal contribution of the candidate

Dr. Stoyanka Tancheva Ilieva participated in the competition with 23 scientific papers, one co-authored textbook and one independent textbook.

The scientific papers are distributed as follows:

- 1 monograph on the dissertation (habilitation thesis, 210 pages),
- 1 collective monograph co-authored (294 pages),

- 5 full-text publications co-authored in scientific journals, referenced and indexed in world-famous databases of scientific information (to indicator group D.7),
- 16 full-text publications and reports in unrefereed scientific journals with scientific review (to indicator group D.8);
- 1 abstract printed in a journal indexed in the Web of Science;
- 13 abstracts presented at conferences and national congresses.

I report publication No. 6 of the submitted " *Report on the implementation of the minimum requirements* " to publications and reports in unrefereed scientific journals with scientific review, as the journal *Nephrology* (Saint-Petersburg) is referenced by Scopus from 2021.

I do not review publications and *Stoyanka Tancheva, Stefka V Valcheva-Kuzmanova, Radko Zl Radev, Miroslav D Marinov, Borislav Boychev, Temenuga Stoeva, Svetlozara K Boyadjieva, Kiril Sv Nenov; A model of experimental acute hematogenous pyelonephritis in the rats, Folia medica; 2011; 6; 153; 2; 63-68* " and " *Tancheva Stoyanka, Towards the diagnosis of tubulo - interstitial bacterial nephritis. Nephrology, Dialysis and Transplantation, Vol. 16, 2, 2010, 9 - 17* ", because they were used to obtain the educational and scientific degree " Doctor ".

The remaining full-text scientific papers for participation in the competition have not been used to obtain the educational and scientific degree "Doctor", no plagiarism has been established and all are subject to review. All are related to the professional direction of the announced competition.

The candidate's monograph entitled "Tubulo-interstitial bacterial nephritis - pathogenesis and laboratory" continues the research started by the candidate in the dissertation and is devoted to the pathogenesis of tubulo interstitial bacterial nephritis, bacterial infectious disease affecting both parenchyma. The frequency, diagnosis, follow-up of disease processes, the correct choice of therapeutic behavior, disease prevention and subsequent complications are discussed. I believe that the work is competently presented and illustrated.

The co-authored monograph "Hemostasis and Thrombosis - Pathogenesis and Laboratory" examines the multifaceted, contemporary aspects of hemostasis and its disorders.

From the attached scientific papers the candidate covers over 225 points under *Group of indicators D*.

According to the attached references, Dr. Stoyanka Tancheva Ilieva participated in the competition with 265 citations of 6 of her publications in scientific papers of other authors. 5 of these publications are reflected in world-famous databases with scientific information and have been seriously reflected in the scientific works of other authors, which shows that the results are of high scientific value.

After my reference in the Scopus database I found 134 citations with excluded self-citations of the above 5 publications, with which the candidate receives over 2000 points on *Group of indicators E* with a minimum requirement according to at least 60 points due to PURPNSZAD of the University "Prof. Dr. Asen Zlatarov" - Burgas.

Dr. Stoyanka Tancheva Ilieva has acquired 4 medical specialties. She has participated in the project "Student Internships" at the Ministry of Education and Science as a mentor and academic mentor of students and has conducted seminars and practical classes at the Clinical Laboratory - MU-Varna.

Dr. Stoyanka Tancheva Ilieva is the author of the Chapter "Hematomorphology" in a textbook "Pathophysiology". The applicant has developed a high level of applicability of the independent study guide "Clinical Laboratory Tutoring", including test questions about clinical laboratory, clinical and laboratory blood testing, morphological and hematological testing, biochemical and immunochemical laboratory testing.

After a detailed analysis of the presented scientific papers and evidence, I believe that Dr. Stoyanka Tancheva Ilieva has the following points by groups of indicators:

- Group of indicators A - 50 points;
- Group of indicators B - 100 points;
- Group of indicators D - over 225 points (with a minimum requirement of at least 220 points);

- Group of indicators D - over 2000 points (with a minimum requirement of at least 60 points);
- Group of indicators E - over 225 points (with a minimum requirement of at least 20 points).

Therefore, Dr. Stoyanka Tancheva Ilieva fully covers and significantly exceeds in *groups of indicators D and E* the minimum national requirements and the minimum requirements in PURPNSZAD of the University "Prof. Dr. Asen Zlatarov "- Burgas for holding the academic position of " Associate Professor "in the professional field 7.1. Medicine.

4. Quantitative and qualitative evaluation of the teaching work

From the presented materials it is evident that Dr. Stoyanka Tancheva Ilieva fulfills the quantitative indicators for the teaching work. He is the author of a curriculum in the discipline "Clinical Laboratory" for the specialty Medical Assistant at the University "Prof. Dr. Asen Zlatarov "-Burgas and co-author of a curriculum in the discipline " Clinical Laboratory and Biochemistry" for the specialty Midwife at the Medical University of Varna.

Dr. Stoyanka Tancheva Ilieva conducted training in the disciplines "Clinical Laboratory", "Pathophysiology" and "Internal Medicine" of students majoring in "Medicine", "Midwife", "Nurse", "Medical Laboratory Assistant" at the Medical University of Varna.

At the University "Prof. Dr. Asen Zlatarov "Burgas conducts training in the discipline "Clinical Laboratory and Immunology" of students majoring in "Midwife" "Nurse" and "Medical Assistant".

Dr. Stoyanka Tancheva Ilieva skillfully combines her serious scientific and practical experience with her teaching work. This gives me a reason to give high educational and pedagogical experience to the candidate in the competition.

I believe that the candidate in the competition has the necessary teaching experience and degree of readiness to hold the academic position of "Associate Professor".

5. Critical remarks and recommendations

There are a lot of inaccuracies in the presented materials.

I have not found declarations of co-authorship, which is why I believe that co-authors have equal participation in scientific papers.

It would have been easier if the candidate had submitted a list of publications for participation in the competition.

Referring to the serious scientific competencies of Dr. Stoyanka Tancheva Ilieva in the field of clinical laboratory and proven teaching experience, I think it will be useful to work more actively with young researchers and PhD students.

6. Conclusion

After getting acquainted with the materials and scientific papers provided by Dr. Stoyanka Tancheva Ilieva, I confirm the compliance of the candidate's results with the requirements of ZRASRB, the Regulations for application of ZRASRB and the Regulations on the terms and conditions for obtaining scientific degrees and holding academic positions at the University "Prof. Dr. Assen Zlatarov" - Burgas for holding the academic position of "Associate Professor" in a professional field 7.1. Medicine. The candidate significantly exceeds the minimum national requirements in the professional field, as well as the additional requirements of the University.

Based on the above, I give **a positive assessment** of the candidacy of Dr. Stoyanka Tancheva Ilieva, MD .

I recommend to the scientific jury to propose to the Faculty Council of the Faculty of Public Health and Health Care at the University "Prof. Dr. Assen Zlatarov" - Burgas **to choose** Dr. Stoyanka Tancheva Ilieva, Ph.D. **to take the academic position of "Associate Professor" in the field of higher education: 7. Health and sports, professional field 7.1. Medicine, scientific specialty "Clinical Laboratory" .**

February 25,
Burgas

2022 Signature:
Prof. Dr. Hristo Bozov, Ph.D.