

REVIEW

From

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Subject : Competition for the academic position "Associate Professor" - announced in SG

No. 61 / 23.07.2021

in the scientific specialty "General Medicine",
professional field 7.1. Medicine, field of higher education

7. Health and sports

for the needs of the Department of General Medicine,
Faculty of Medicine, MU "Prof. Dr. Paraskev Stoyanov" - Varna

1. Information about the procedure:

According to Order № P-109-399 / 20.09.2021. of the Rector of MU - Varna and Minutes № 49 / 09.09.2021 from a meeting of the Faculty of Medicine I was appointed Chairman of the Scientific Jury and to prepare a review of the competition for AD "Associate Professor" at MU - Varna for the needs of the Department of General medicine ”.

The competition was announced in SG No. 61 / 23.07.2021. It complies with the Law for the Development of the Academic Staff in the Republic of Bulgaria and the Regulations for its implementation in MU-Varna. Based on the above legal documents, all procedural requirements for announcing the competition, the deadline for submission of documents and the selection of a Scientific Jury have been met.

The only candidate is Dr. Zhenya Ruseva Petrova, MD.

2. Biographical data of the candidate:

Dr. Zhenya Ruseva Petrova was born on December 14, 1974 in the town of Karnobat, and completed her secondary education in 1992 in the town of Yambol. In 1999 she graduated as a "master" in medicine at MU - Varna, in 2009 she acquired a specialty in "Physical and Rehabilitation Medicine", and since 2018 she has been a specialist in "General Medicine".

Her professional realization began as an intern at CSMP - Varna, where she worked from 2000 to 2011. In parallel, for a period of 2 years (2009-2011), Dr. Zhenya Ruseva began working at DCC "St. Marina" Ltd. - Varna, where she has been a specialist in Physical and Rehabilitation Medicine until now.

The beginning of the academic development of Dr. Zhenya Ruseva was her election as an assistant in the Department of General Medicine (then Department of OM and Clinical Laboratory), and since 2018 she is a senior assistant after defending a dissertation for ACS

"Doctor" on: "Possibilities of physical factors to influence children with tonsillar hypertrophy and symptoms of night breathing disorders (2017).

Dr. Ruseva participates in qualification courses for postgraduate training in neural therapy and prolotherapy.

She speaks Russian and English, has good computer and very good communication skills and teamwork skills.

She is a member of the Association of Trainers and Researchers in Bulgaria in General Medicine (SOIBOM), EURACT (European Academy of Teachers in General Practice), Society of Physical and Rehabilitation Medicine, BMA.

3. Scientific activity, scientific activity and scientific contributions:

The evaluation of the candidate for the academic position "*Associate Professor*" - Dr. Zhenya Ruseva Petrova is complex and includes research, teaching and practical activities according to the Regulations for the development of the academic staff at MU-Varna. It can be presented and analyzed as follows:

1. Scientific activity related to her research activity:

The scientific activity of Dr. Zhenya Ruseva Petrova was evaluated on the basis of *real publications*. In the scientometric aspect, it can be summarized as follows:

1) Total number of scientific developments

The total publication activity of the candidate contains **27** scientific papers.

15 of them serve as evidence in the reference for fulfillment of the minimum requirements for becoming AD "Associate Professor", according to Art. ZRASRB from 2018. Also presented are **2** publications, apart from the evidence for fulfillment of the minimum requirements for becoming AD "Associate Professor".

Dissertation work: 1 pc.

Monograph: 1 pc .;

Full-text articles: 25 pcs.

Of these, 3 are related to the dissertation, and for AD "Chief Assistant" - 7.

In the competition for AD "Associate Professor" 15 publications are considered, of which:

- in scientific publications, referenced and indexed in world-famous databases with scientific information: 11 pcs .;

- in unrefereed journals with scientific review: 4 pcs.

The total number of points from the indicators (G5-9) is 213.21, which covers the mandatory minimum of 200 points.

2) Authorship:

The authorship and co-authorship of Dr. Zhenya Ruseva Petrova in the presented real publications, incl. monograph can be summarized as follows:

	Independent author	1st author	2nd author	3rd and next
Scientific papers - evidence of compliance with the minimum requirements for becoming JSC "Associate Professor"				
Monography	1			
Full-text publications in scientific journals, referenced and indexed in world-famous databases of scientific information			4	6
Full-text publications in non-refereed publications with scientific review	1		1	1
Full-text publications, outside the evidence for covering the minimum requirements for AD "Associate Professor"				
Publications related to the dissertation in refereed and indexed editions				
Publications related to the dissertation in unrefereed editions with scientific review		3		
Publications submitted as a senior assistant in peer-reviewed peer-reviewed publications			1	
Publications submitted for chief assistant in non-peer-reviewed publications with scientific review		2	1	3
Additional full-text publication in a peer-reviewed edition with scientific review				1
Additional full-text publication in unrefereed edition with scientific review				1

3) Total number of citations

The academic reference for citations of publications from MU - Varna indicates that Dr. Jenya Ruseva has 4 articles cited by 7 authors, 3 in Bulgarian scientific journals and 3 in foreign medical journals, and 1 citation in a monograph, which bring her a total of 60 points from the indicators D10-D12.

Indicators		Number of citations	Number of points
D 10.	Citations or reviews in scientific journals, referenced and indexed in world-famous databases of scientific information or in monographs and collective volumes	2	30
D 11.	Cited in monographs and collective volumes with scientific review	1	10
D 12.	Citation or reviews in non-peer-reviewed journals with scientific review	4	20
Total	Indicators (D10-D12)		60 points

4) Impact factor

- No impact factor (IF) data

The data from the attached academic report, prepared by the Medical University - Varna with outgoing № 517 / 09.08.2021 for fulfillment of the requirements for participation in the competition for AD "Associate Professor" can be summarized as follows:

INDICATORS		Minimum requirements	Number of points for the author
A1	Dissertation for ONS "Doctor"	50	50
B3	Monography	100	100
D7	Publications and reports published in scientific journals, referenced and indexed in world-famous databases of scientific information	200	165.71
D8	Publications and reports published in unreferred journals with scientific review or published in edited collective volumes		47.5
Total indicators (G5-9)	* Mandatory minimum	200	213.21

Evaluation of scientific activity

The scientific interests and the realized researches of Dr. Zhenya Ruseva, published in articles, dissertation and monograph, have a significant contribution to the development of physiotherapy and rehabilitation in our country in terms of introduction of new physical methods for treatment of children with chronic tonsillar infections. The significance of her scientific works can be summarized in 2 aspects: with original and with scientific-applied character.

Of great practical importance are the works of Dr. Zhenya Ruseva on the problems of pediatric patients, which reveal the possibilities of physical therapy to affect tonsillar hypertrophy and the associated symptoms of nocturnal breathing in children often suffering from upper respiratory tract infections. . For the first time in our country, she conducted a study on the effectiveness of PPNS (polarized, polychromatic, incoherent light) and ultrasound in young patients with tonsillar hypertrophy, and the data obtained indicate the high efficacy of the method.

Her monograph “Improving the quality of life of patients with disc disease through physical therapy methods” (2021) is also of great practical importance, as it examines the possibilities of physical therapy for the prevention and treatment of this important socially significant disease and especially its place in the treatment of pain syndrome in these patients. Dr. Ruseva conducted her own study among 109 outpatients on the individual quality of life of patients with lumbar disc herniation - using the Roland-Morris disability questionnaire, and patients with cervical disc herniation - according to the specialized index of impairment of daily activities related to neck problems. The results obtained from it unequivocally prove the beneficial effect of physiotherapy alone and in combination with kinesitherapy, both on the strength of pain and on the indicators of individual quality of life in patients with lumbar and cervical disc herniation.

Dr. Jenya Ruseva has participated in scientific reviews and articles on physical medicine and tests for diagnosis of diseases of the musculoskeletal system and peripheral nervous system. She has attached a list of 14 participations in congresses at conferences at home and abroad.

Dr. Zhenya Ruseva has active scientific profiles in: Google Scholar, ResearchGate, ORCID, ResearcherID, eLibrary.

II. In summary, the scientific activity of Dr. Zhenya Ruseva Petrova can be presented in several scientific fields:

The presented scientific works and the results of the research work are thematically divided into 4 scientific directions:

- 1) Adenotonsillar hypertrophy in childhood and related symptoms - treatment options with physical therapy
- 2) Prevention and treatment through the methods of physical therapy of patients with disc disease
- 3) Patients with rheumatic diseases in WMD - Diagnostic and therapeutic challenges
- 4) Various common clinical problems in WMD

4. Teaching activity:

Dr. Zhenya Ruseva has been an assistant and lecturer for 10 years and has a significant workload. She leads exercises of Bulgarian medical students in the discipline "General Medicine" - IV year, practical experience of medics in VI year and lectures (basic course) of OM specialists.

Dr. Ruseva leads practical exercises for bachelor students in "Health Management" in the discipline "Organization for patient care".

She actively participates in the project "Student Internships - Phase 1" of the Ministry of Education and Science, implemented with the financial support of the EU as a mentor for DCC "St. Marina" Ltd. - Varna and she trained 15 students and was an academic mentor to 20 students (2017/2018) in the specialties "Medicine" and "Rehabilitator".

5. Practical activity:

Dr. Jenya Ruseva is a doctor with over 20 years of experience, for 12 years she has been working as a specialist in "Physical and Rehabilitation Medicine", and in 2018 she acquired a degree in General Medicine.

Her academic development in the Department of General Medicine began 10 years ago and passed through the academic positions of assistant and chief assistant.

Dr. Jenya Ruseva Petrova has high professional competence and has acquired a significant number of additional qualifications and skills.

In her daily practice, the physiotherapist treats problem children and adolescents with adenotonsillar hypertrophy and chronic infections of the GDP, as well as adult patients with diseases of the musculoskeletal system, peripheral and central nervous system. Dr. Zhenya Ruseva works in close cooperation with colleagues from various medical specialties such as GPs, pediatricians, ENT, orthopedists, neurologists, rheumatologists and others.

6. No violations have been established in the conducted procedure for holding the academic position of "Associate Professor".

7. Conclusion:

Based on the criteria specified in the Law for development of the academic staff in the Republic of Bulgaria and the Regulations for its application in the Medical University - Varna, Dr. Jenya Ruseva Petrova, MD. meets the minimum requirements for holding AD "Associate Professor", so I propose to the esteemed members of the Scientific Jury to vote positively and propose to the Rector of MU - Varna the candidate in this competition **to take the academic position of "Associate Professor"** in General Medicine for the needs of the Department of General Medicine of the Faculty of Medicine at MU-Varna.

10/8/2021

Varna

Prepared the review:

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