

СОФИЙСКИ УНИВЕРСИТЕТ
„СВ. КЛИМЕНТ ОХРИДСКИ“
МЕДИЦИНСКИ ФАКУЛТЕТ

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**TO THE SCIENTIFIC JURY FOR JUDGMENT
OF THE ACADEMIC POSITION "ASSOCIATE
PROFESSOR"
TO THE MF OF SU "ST. KLIMENT
OHRIDSKI"**

R E V I E W

by

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Hospital "Lozenets" Sofia, Bulgaria

lecturer at the Medical Faculty of Sofia University "St. Kliment Ohridski"

Subject: Application process for occupation of academic position of "Associate Professor"

Area of higher education: 7.4 Public health (Kinesitherapy)

Announcement: The application procedure has been announced by Medical Faculty of Sofia University "St. Kliment Ohridski" in the State Gazette, issue 67/28.07.2020.

Information for the application procedure

The regulatory requirements regarding the application procedure have been met. The job opening was announced for the needs of the Department "Neurology, Psychiatry, Physiotherapy and Rehabilitation, Preventive Medicine and Public Health" in the Medical Faculty of Sofia University "St. Kliment Ohridski". The composition of the Scientific Jury is determined by Order of the Rector № RD 38-510/22.10.2020, based on a decision of the Faculty Council of the Medical Faculty (Protocol №81/28.09.2020)

Only one candidate has submitted documents for participation in the selection process - Natalia Petrova Petrova, PhD.

The review has been prepared in accordance with the requirements of the Law on the Development of the Academic Staff in the Republic of Bulgaria (LDASRB), the Regulations for its application, the regulations of Sofia University "St. Kliment Ohridski" and the Regulations for application of LDASRB in Sofia University "St. Kliment Ohridski".

The applicant's documents are presented in order from № 1 to № 18 and include attached evidence.

Applicant's curriculum and academic development

Natalia Petrova Petrova was born on August 21, 1974. She graduated from Southwest University "Neofit Rilski" Blagoevgrad in 1999 with a bachelor's degree in Kinesitherapy, and in 2010 with a master's degree in Educational Management.

In 2015 in the same university she defended her dissertation on "The role of kinesitherapy in improving the quality of life in patients with rheumatoid arthritis" for the educational and scientific degree "Doctor" in Theory and methodology of physical education and sports training, (incl. Methodology of therapeutic exercise).

From 2000 to 2016 she was a chief assistant at SWU "Neofit Rilski" in Blagoevgrad, and no period was specified in which she was an assistant. Since 2017 she has been a freelance assistant at the Faculty of Medicine at Sofia University.

Her professional activity is as a kinesitherapist from 2000 to 2016 in PTC "Viara, Nadegda and Lubov", Blagoevgrad

Her additional qualifications include Bobat's techniques and working with children with Down Syndrome.

She has computer literacy (Microsoft office: Word, Excel and Power Point), uses beginner/intermediate Russian and English.

Memberships in any Associations or Institutes are not present.

Scientific research and scientometric data

The candidate has presented a general list with an abstract of a dissertation, an independent monograph and one participation in a guide, 33 publications, 15 participations in scientific forums with published abstracts and 12 participations in scientific forums. The analysis of publications and participation in scientific forums does not include those related to the dissertation for the PhD.

The scientific papers submitted for participation in the application procedure are as follows:

1. Dissertation work for the obtaining the educational and scientific degree "Doctor" "The role of kinesitherapy in improving the quality of life in patients with rheumatoid arthritis",
2. Monographic work: "Rheumatoid arthritis complex diagnostic and therapeutic approach"
3. Scientific publications - 23

From the presented list of scientific publications for participation in the competition, the one with № 16 is included in the author's abstract of the dissertation, therefore it is not reviewed. Publication with № 18 is not presented in full and also cannot be reviewed. Of the actual publications, 15 are in periodical scientific journals and 6 in referenced collections. 21 are in Bulgarian specialized medical journals and 1 in a foreign journal. The distribution of Natalia Petrova's author participation is as follows: first author in 4, second author in 2, third or next author in 16.

The candidate has presented her materials in our country in the following scientific periodicals - the magazine "Physical Medicine, Rehabilitation, Health", the magazine "Prevention and Rehabilitation", the magazine "Pedagogy", the magazine "Physical Education and Sports in the Education System", the magazine "Sport and Science", Journal of "Physical, Resort and Rehabilitation Medicine", Journal of "Health and Science", Journal of "Kinesitherapy", One of the publications is in "British journal of science, education and culture".

The reference for the citations of the publications of Natalia Petrova was signed by the director of the Central Medical Library – Medical University - Sofia - I. Miteva. It is reported that Natalia Petrova has 30 Bulgarian citations.

The research interests of the candidate, as well as the contributions from her scientific work are detailed in the enclosed documents of the competition "Author's reference to the contribution nature of scientific works". They refer mainly to the following more significant stages of the applicant's scientific development:

The dissertation of the candidate for the educational and scientific degree "Doctor" is dedicated to a socially significant problem. Rheumatological diseases are highly debilitating. The aim of the study is to improve the quality of life of patients with kinesitherapy, combined with appropriate ergotherapy. The short version of the SF-36 quality of life test is used to assess the condition. Some rheumatoid arthritis-specific tests were also mentioned, but were not used

Project activity

For the period 2008-2015 Natalia Petrova, PhD has participated in three research projects. "Implementation of a computerized method for measuring pain during irritation of deep mechanoreceptors and its testing in healthy people (trained and untrained) and patients" and as an academic mentor participates in the project "Business-innovative approaches to create and update curricula for student training in Social Activities, Speech Therapy, Kinesitherapy and Sports in accordance with the needs of the labor market", funded by the "Research Fund" - MES and Southwestern University "Neofit Rilski". The project "Construction and probation of a scientific complex for assessment of physiological and biomechanical parameters in physical activity for the needs of kinesitherapy and sports" is Funded by the Ministry of Education and Science, European Social Fund - Operational Program " Development of Human Resources".

Minimum requirements by group of indicators for the academic position "Associate Professor"

Group of indicators	Associate Professor	Candidate - Natalia Petrova, PhD.
A	50	50
Б	-	-
B	100	100
Г	200	260,5
Д	50	230
E	-	-

The documents submitted by assistant Natalia Petrova, PhD meet the minimum national requirements and criteria of Sofia University "St. Kliment Ohridski" for holding the academic position of "Associate Professor".

I have the following recommendations to the candidate:

- In the future Natalia should increase her scientific contributions in collaboration with colleagues from Lozenets Hospital, which will contribute to expanding the research activities of the department.

- To participate in the development of extracurricular activities for the students in the specialty Medical Rehabilitation and Ergotherapy.
- To stimulate students to participate in joint research and publish their findings in scientific journals.

In conclusion:

Based on my assessment and analysis of the scientific work, teaching and professional development of the candidate and according to the quantitative and qualitative criteria set by the Law on the Development of the Academic Staff in the Republic of Bulgaria, I propose to the esteemed members of the Scientific Jury to take the decision to elect Natalia Petrova Petrova for "Associate Professor" in 7.4 Public Health (Kinesitherapy) and for this academic position at the Faculty of Medicine of Sofia University "St. Kliment Ohridski".

02/12/2020

Member of the Scientific Jury and Reviewer:

(Assoc. Prof. Iskra Takeva, MD, PhD)