

STANDPOINT

from Assoc. Prof. Dr. Detelin Stefanov Stamenov

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SUBJECT: Procedure for competition on the academic position of "Associate Professor" in scientific field 4.3. Biological Sciences (Biophysics), announced in SG no. 32 dated 16.04.2021.

1. Evaluation of the competition under the procedure

According to the proposal of the primary unit; the decision of the Faculty Council of the Faculty of Biology and under the mandate of the Rector of Sofia University as a member of the scientific jury in the competition for the academic position of "Associate Professor" in "Biophysics" I note that all requirements are met.

At the first meeting of the jury, held remotely, the submitted documents for the announced competition were reviewed. One candidate only has applied to participate - Dr. Margarita Angelova Kouzmanova, currently a senior assistant in the Department of Biophysics and Radiobiology at Biological Faculty at Sofia University "St. Kliment Ohridski ". All documents of Dr. Kouzmanova are prepared and presented in accordance with the requirements of the Law on the Development of the Academic Staff in the Republic of Bulgaria (LDASRB) and the Regulations for the Development of the Academic Staff of BF and Sofia University "St. Kliment Ohridski ".

2. Assessment of the candidate

• Professional experience, career development and teaching experience

According to the attached documents, Dr. Margarita Kouzmanova holds a master's degree in Biophysics in 1981 and PhD (Biophysics), obtained in 1997 on the topic: "Study of the biological action and evaluation of the radioprotective efficiency of millimeter electromagnetic waves." She has been working since 1987 as a specialist biologist in the Department of Biophysics and Radiobiology, Faculty of Biology, Sofia University "St. Kliment Ohridski"; since 1999 she has been an assistant; since 2002 she has been a senior assistant at the department. Over the years, Dr. Kouzmanova has established as a respected lecturer in the Department of Biophysics and Radiobiology, leading courses in: **1) compulsory courses for bachelor students:** Biophysics and Radiobiology for the specialty Molecular Biology (3rd and 4th semester); Biophysics and Radiobiology for the specialty Biology (7 semester); Fundamentals of radiobiology for the specialty Nuclear Chemistry at the Faculty of Chemistry and Pharmacy. **2) elective courses for bachelor students:** Action of physical factors in biological systems (3rd and 5th semester) for the specialty Molecular Biology; **3) elective courses for master students:** Radiation Biophysics for the specialty Nuclear Chemistry at the Faculty of Chemistry and Pharmacy.

Fluent in Russian and English, professional level.

• **Research and publication activity**

The research interests of Dr. Margarita Kuzmanova include: action of physical factors on biological systems and on human health; action of low-intensity electromagnetic fields and microwaves; application of physical factors in medicine; stress and adaptation; radiobiology; photobiophysics, biophysics of photosynthesis, chlorophyll fluorescence

In the competition Dr. Kuzmanova presents two lists of publications: a general list of all publications and a selected list, including only articles submitted for participation in the competition for associate professor. Margarita Kuzmanova participated in the competition for associate professor with 19 scientific papers, 11 of which were published in referenced international journals (with IF or impact rank-Q); 4 articles in books and 3 in magazines without IF or impact rank-Q, and is a co-author in the book: Goltsev VN, H.M. Kalaji, M.A. Kuzmanova, SI Allakhverdiev, 2014, Variable and delayed fluorescence of chlorophyll a - theoretical foundations and practical application in the study of plants, IKI - Izhevsk - Moscow, 220 pp ISBN 978-5-4344-0180-7. In addition, Dr. Kuzmanova has participated in national and international scientific forums with 56 posters. Candidate for associate professor Margarita Kuzmanova has participated in 6 research projects (2 as a supervisor and 4 as a member). Under her guidance 6 diploma theses were successfully defended.

The research, publication and teaching activities of Dr. Margarita Kuzmanova deserve high rating. From the analysis of the submitted documentation it is clear that it meets the minimum national requirements, according to LDASRB.

3. Conclusion

Based on the above, I strongly appreciate the candidate Dr. Margarita Angelova Kuzmanova for the academic position of "Associate Professor" in the scientific field 4.3. Biological sciences (Biophysics).

06. 07. 2021 г.

Member of the scientific jury:

/Assoc. Prof. Detelin Stefanov Stamenov PhD/