

## POSITION

From

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REGARDING: A competition for occupying academic title "Professor" in the area of higher education 7. Health and Sport; professional field 7.1. "Medicine" in the scientific specialty "Pharmacology" for the needs of the Department "Behavioral Neurobiology."

This competition was announced in the State Journal, issue 10 / 01.02.2019. The only candidate in this competition is **Dr Lyubka Pavlova Tancheva, PhD**, currently holding the academic position "Associate Professor" at the Institute of Neurobiology, Bulgarian Academy of Sciences.

### **I. Career profile of the applicant**

The participant in the competition for Professor of Pharmacology, Associate Professor Lyubka Tancheva, is a graduate of the Faculty of Pharmacy, Medical Academy-Sofia. For the period from 1976 to 1987, she was Assistant Professor of Toxicology at the Department of Pharmacology and Toxicology, Faculty of Pharmacy. On the basis of serious scientific research and corresponding publishing activity, Lyubka Tancheva defended a dissertation thesis "Influence of Hydrocortisone and Desoxycorticosterone on the Activity of Some Medicated Metabolic Enzyme Systems", for the scientific title Doctor (PhD). She joins the Institute of Neurobiology (former Institute of Physiology) at the Bulgarian Academy of Sciences in 1987 after winning a competition. In 2007 Lyubka Tancheva was elected Associate Professor in Pharmacology. The presented documents testify that Assoc. Prof. Lyubka Tancheva holds solid theoretical knowledge and practical skills in different scientific fields and significant scientific and pedagogical activities, which is certified by the leadership of five PhD students.

Assoc. Prof. Tancheva is a member of several international and national professional scientific societies and associations such as Union of Scientists in Bulgaria, European Society of Toxicology, International Toxicological Society, Bulgarian Toxicological Society, Bulgarian Peptide Society, World Christian Doctors Network.

She speaks and writes English and Russian languages.

According to the submitted report, Associate Professor Tancheva has 44-years of work experience as a scientist. The analysis of her biographical data, knowledge and skills, participation in committees, research projects and doctoral studies shows that she has the required work experience and qualification in the specialty of the announced competition for the academic position

"Professor" in Pharmacology.

## **II. General description of the submitted materials under the competition**

The folder provided contains all necessary documents for her participation in a competition for the academic position "PROFESOR", according to the requirements of the Law on the Development of the Academic Staff in the Republic of Bulgaria and those of the INB, Bulgarian Academy of Sciences.

## **III. Assessment of scientific papers**

The thematic orientation of the research and publishing activity of Assoc. Prof. Tancheva is oriented towards the study of pharmacological and toxicological activity of various substances (including newly synthesized), training problems and memory functions in mice and rats in different dementia patterns, effects of new neuropeptides and peptide mimetics, behavioral reactions and processes associated with serotonin and dopamine brain neurotransmission.

The candidate appropriately combines a variety of scientific methods in the course of the research process, which is a demonstration of research competence. Proof of this opinion is the quality of most of her scientific work.

Along with a dissertation for the title "Doctor", Assoc. Prof. Tancheva presented a list of 82 scientific papers, published in periodicals and 5 papers in books and monographs.

Specifically in the competition for the academic degree "Professor" in the scientific specialty "Pharmacology" Prof. Tancheva participated with:

**25** publications in scientific journals, referenced and indexed in a world-renowned database of scientific information, with a total **IF of 21,095** and a total impact rank (**SJR**) of **1,415**;

**11** publications and reports in unrefined journals with scientific review or in edited collective volumes.

## **IV. Monographic work**

In the competition Assoc. Prof. Tancheva participated as a co-author in collective monographic work.

## **V. Citation of the publications**

Assoc. Prof. Tancheva has presented a detailed and very informative reference for the quoted author's writings, accompanied by relevant evidence from information databases. According to the submitted report, 39 positive citations of 6 of its scientific papers were found, mostly in international journals with IF.

## VI. Participation in research projects

Since 2007, Assoc. Prof. Tancheva has participated in 5 international research projects (3 of them as a leader) and 19 financed by the National Fund "Research".

*The comparison of some quantitative scientific parameters of Assoc. Prof. Tancheva with the requirements of the INB for BAS (Field 7. Health and Sport, Professional Field 7.1 Medical, Scientific Subject "Pharmacology") is necessary for the acquisition of the academic degree "Professor"*

INDICATORS	CONTENT	Number of points required by INB-BAS	Assoc. Prof. Tancheva number of points
A	Dissertation work for the educational scientific title "Doctor"	50	50
B	Dissertation work for the "Doctor of Science" title		
C	Habilitation work-monograph or 10 reference papers	100	100
D	Publications in the competition for the professor (excluding once for "doctor" and "assistant professor"	220	354
E	Quoting only the publications in the professor's contest	120	540
F	Participation/leadership of scientific projects with Ph.D. students / Ph.D. scientist	150	605

## VII. Complex assessment of teaching activities

I give a positive evaluation of the teaching activity of Assoc. Prof. Tancheva.

1. For the period of 1976 to 1987 she was an Assistant Professor at the Faculty of Physics of Sofia University and conducted the following:
  - Lab courses and later lectures to students of pharmacy in the subject "DRUG TOXICOLOGY";
  - lecture course for master-pharmacists (post-graduate qualification) on "SIDE EFFECTS OF DRUGS";
2. For the period of 2005 to 2008 she was the thesis supervisor to four diploma theses in pharmacy;
3. Since 2013, as a scientific supervisor, she has been providing trainings to five Ph.D. students in the field of Pharmacology;
4. Since 2018 she has been a lecturer, leading a course on DRUG TOXICOLOGY at "Neofit Rilski" University in Blagoevgrad.

### **VIII. Critical remarks and recommendations**

I have no critical remarks to the candidate.

### **CONCLUSION:**

Based on the presented materials, I believe that Assoc. Prof. Lyubka Tancheva is a proven scientist and lecturer working in the field of pharmacology as well as a good organizer.

I highly appreciate her achievements in the research field and teaching work.

**On the basis of this vision I will vote positively for the award of the academic position "PROFESSOR" to Assoc. Prof. Lyuba Tancheva.**

Plovdiv  
31.05.2019

Prof Turiyski: