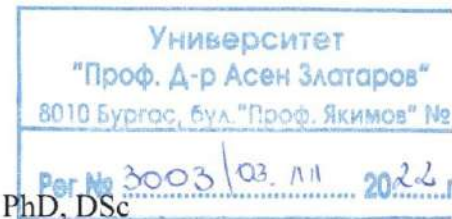


Review



by Academician Prof. Dr. Ivan Milanov, MD, PhD, DSc

University hospital for Active Treatment in Neurology and Psychiatry "St. Naum" Sofia

of the submitted documents for the award of an academic position
"professor" in the scientific specialty "Psychiatry" in the department of
"Health care" for the needs of the Faculty of Public Health and Health Care, University
"Prof. Dr. Asen Zlatarov" - Burgas
announced in the state newspaper No. 7 of 17.06.2022.

By order RD-260 of 15.09.2022 of the Rector of the University "Prof. Dr. Asen Zlatarov" - Burgas, I have been elected as a member of the Scientific Jury under the procedure for acquiring the academic position of "professor" with candidate associate professor Dr. Georgi Panov Panov, MD, PhD, DSc, and by the Decision of the Chairman of the Scientific Jury, I have been assigned to prepare a review regarding the competition for the academic position "professor" in the field of higher education 7. Health care and sports, professional direction Medicine, scientific specialty "Psychiatry" and Report with reg. Number 2034 of 28.07.2022.

The only candidate in the competition is associate professor Dr. Georgi Panov Panov, MD.

Brief biographical data:

Associate Professor Dr. Georgi Panov Panov completed his secondary education in Stara Zagora. He completed his higher education in medicine at the Medical University of Stara Zagora in 1991. Since 1997, he has a recognized specialty of "Psychiatry", and since 2016, with a specialty of "Nervous Diseases".

In 2004, he defended his dissertation for the title of "doctor" on the topic "Comparative clinical-neurophysiological and psychiatric evaluation of patients with refractory and well-controlled epileptic seizures".

In 2022, he defended a second dissertation for the acquisition of the scientific specialty "Doctor of Sciences" on the topic "Comparative clinical-neurophysiological and psychological assessment of patients with resistant schizophrenia"

Since 2016, he has been elected as an "Associate Professor" of Psychiatry at the University "Prof. Dr. Asen Zlatarov", Burgas.

Since 2020, he also has a qualification in "Health Management".

Professional Development

In September 1991, Dr. Georgi Panov started working at the State Psychiatric Hospital, Radnevo. In 1993, he began working in a neurophysiological laboratory, conducting EEG, EMG and evoked potentials of patients with mental and neurological diseases at UMBAL "Prof. Dr. Stoyan Kirkovich" EAD, Stara Zagora. Since 2015, he has been the head of the psychiatric clinic at the same hospital, a position he currently holds.

Until now, associate professor Dr. Georgi Panov has conducted training abroad in the field of epileptology, clinical psychiatry and neurophysiology.

He regularly participates with scientific presentations in major international scientific forums abroad (the annual congresses of the European College of Neuropsychopharmacology) and in Bulgaria (the congresses of the Bulgarian Psychiatric Association, College of Private Psychiatry, the National Congress of Neurology, conferences on psychosomatic medicine, etc.).

The candidate is a member of the Bulgarian Medical Association, the Bulgarian Psychiatric Association, the Bulgarian Society of Neurology, the Bulgarian Society against Epilepsy, the Bulgarian Society of EEG, EMG and Clinical Neurophysiology.

Analysis of scientometric indicators

There are 2 dissertations with attached abstracts.

Monographs - 3 in total. The two monographs are the author's independent work. These monographs are in the nature of habilitation theses, and both of them have been reviewed by two independent habilitation professors. The third monograph is co-authored, as associate professor Panov is the author of 7 independent chapters.

Other scientific production, including articles, abstracts presented at congresses and conferences - 80 in total.

Articles published in full text - a total of 41. Of these, Prof. Panov is the first author in 30 (73.2%) and second author in 4 (9.6%).

Articles published in international journals with IF – 6. Of all the articles, Prof. Panov is the first author in 5, in one he is the second author.

Articles published in journals referenced in a large database, but without IF - 4.

Articles published in collections in Bulgaria with international participation - 8.

Articles published in Bulgarian journals - 23

Other scientific activity (summaries and presentations) - 34 issues.

Abstracts from congresses - 7. Abstracts presented at poster sessions at international congresses outside Bulgaria - 6. One abstract is from a poster session held at a national

conference on Psychiatry in Bulgaria. Of these, first author of 5 (71.4 %) and third author of the remaining 2 (28.5 %).

Presentations held at congresses and conferences – 25. One of them - at an international congress and 24 at national congresses and conferences. Prof. Dr. Panov is the sole author of all of them.

From the information presented, it is clear that Associate Professor Panov was very active, which is evident from the fact that in most publications he is the first author and less often the second. The high personal impact factor (IF) of associate professor Panov comes from the overall high activity that the candidate presents as a natural result - 19.356.

Prof. Panov presented a total of 62 citations. Most of the citations are in articles both in the country and abroad, and a large part are in journals with an impact factor. There is citation in 3 textbooks, 1 dissertation and 2 monographs.

Participation in committees for awarding degrees and titles

Participation in 6 scientific commissions for awarding the educational and scientific degree "doctor".

Participant in two scientific juries for awarding the scientific degree "chief assistant".
Participant in 2 scientific commissions for awarding the scientific degree "docent".

Other review activity

Reviewer of a published electroencephalography manual.

Reviewer of 3 publications in refereed journals with an impact factor presented in the table of minimum requirements.

Reviewer of an international project in neuroimaging in certain mental pathology.

Analysis of the thematic directions and contributions of scientific creativity

The scientific work of Dr. G. Panov is dedicated to the study of current discussion diagnostic and therapeutic problems in psychiatry and neurophysiology:

A. Resistant epileptic seizures - epidemiology, differential diagnosis, therapeutic behavior. A diagnostic algorithm was developed for the early differentiation of well-controlled from resistant epileptic seizures and their treatment with mono- or polytherapy, which is the core of his dissertation and publication 11.

Publications 5, 7, 8, 10, 11, 26 have analyzed the relationships between the etiology of epileptic seizures and the likelihood of resistance, as well as the chronobiology of seizures.

B. "Learned helplessness" syndrome in refractory epileptic seizures. An analysis of the "learned helplessness" syndrome in refractory epileptic seizures was made with a psychological toolkit for depression, anxiety and quality of life. The probability of its manifestation in other chronic and debilitating diseases was analyzed, in connection with the social adaptation and resocialization of the sick (publications 27, 29, 31).

C. Comorbid mental disorders in patients with epilepsy. Publications 2, 18, 21, 23, 25 analyzed comorbid mental disorders in patients with epilepsy, especially anxiety and affective states, as well as their differences in well-controlled and resistant epileptic seizures.

D. Sexual disorders in patients with mental illness. A comparative analysis of the relationship between mental illnesses and sexual disorders, as well as the sexual disorders caused by drug treatment, was made. Their manifestation, both as part of the disease presentation and as a side effect of treatment, has been evaluated in order to avoid errors in therapeutic behavior (publications 20, 27).

E. Comorbidity of neurological and psychiatric diseases. An interesting and rare clinical case with comorbidity between neurological and mental diseases - autism, tuberous sclerosis and status epilepticus - was published in an international journal with an impact factor, and an analysis of the therapeutic possibilities was made.

Another publication related to comorbidity is dedicated to fibromyalgia, in which the association of the pain syndrome with mental disorders and the possibilities of their simultaneous therapeutic influence are analyzed (6, 30).

F. Acute psychoorganic syndrome. The antecedent factors leading to psychoorganic syndrome and its severe debilitating consequences have been analyzed, with the aim of preventing its occurrence.

G. Schizophrenia. Numerous factors related to the prognosis of the schizophrenic process have been analyzed. The author has consistently paid attention both to some basic factors in medicine observed for decades in search of features associated with the course of certain nosological constructions such as habitus, as well as to the educational level and its influence on resistance.

There has been extensive research on the lateralization of brain processes that calls into question some commonly held views in the field. The candidate makes interesting analyzes of the effectiveness of therapy as an early marker associated with resistance. In this respect, a parallel can be drawn with analogous ones conducted in the field of epileptology. Important results were also achieved in the construction of a dissociative model in patients with schizophrenia. Associate professor Panov analyzes the degree of dissociation by comparing dissociative phenomena as factors with high resistance.

In conclusion, with this review I express my opinion that the presented materials regarding the scientific, teaching and practical work of Associate Professor Georgi Panov fully meet the requirements of the Law on the Development of the Academic Staff in the Republic of Bulgaria and the Rules for its Application, as well as the requirements of the regulations for the development of the academic staff of the University "Prof. Dr. Asen Zlatarov" for awarding the title of "Professor".

I recommend to the respected members of the Scientific Jury to award Associate Professor Georgi Panov the title of "Professor" in professional field 7.1 Medicine, scientific specialty "Psychiatry".

28.10.2022

Academician Prof. Ivan Mila