



Review

From

Prof. Dr. Hristo Bozov, MD, PhD

Faculty of Medicine of the University "Prof. Dr. Asen Zlatarov" - Burgas

The review was prepared on the basis of the submitted documents for awarding the academic position "Professor" in the scientific specialty "Psychiatry" in the Department of "Health care" for the needs of the Faculty of Social Sciences and Health care published in the State Newspaper no. 7 of 17.06.2022.

By Order N: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 "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 appointed 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, PhD, DSc

Biographical data

Assoc Prof Dr Georgi Panov, graduated in medicine in 1991 at the Medical University of Stara Zagora.

In 1997, he acquired a specialty in "psychiatry".

In 2016, he acquired the specialty "nervous diseases".

In 2004, he defended a dissertation on the topic "Comparative clinical-neurophysiological and psychiatric assessment of patients with refractory and well-controlled epileptic seizures" to obtain the educational and scientific degree "Doctor".

In 2016, he was elected associate professor of psychiatry at the University "Prof. Dr. Asen Zlatarov" city of Burgas.

In 2020, he has a qualification in "Health Management".

In 2022, he defended his dissertation work for obtaining the scientific degree "Doctor of Sciences". the topic of the candidate's dissertation is "Comparative clinical-neurophysiological and psychological assessment of patients with resistant schizophrenia".

Regular participant in various scientific forums in the country and abroad (the annual congresses of the European College of Neuropsychopharmacology), in Bulgaria (the congresses of the Bulgarian Psychiatric Association, College of Private Psychiatry, conferences on psychosomatic medicine and neurodegenerative diseases).

Associate Professor Dr. Georgi Panov 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. He speaks English and Russian.

Professional career

from January 2015 to the present

Head of the Psychiatry Clinic at UMBAL "Prof. Dr. Stoyan Kirkovich" AD, Stara Zagora

March 1993 - January 2015 - consultant in psychiatry and head of the neurophysiological laboratory at UMBAL Stara Zagora

March 1993 - to the present

Examinations and treatment of patients with mental and neurological diseases, epilepsy and other borderline conditions in a private outpatient unit in Stara Zagora

Teaching experience

From 2016 to the present

Associate Professor of Psychiatry and Medical Psychology at the University "Prof. Asen Zlatarov" Burgas.

Associate Professor of Psychiatry and Medical Psychology at Medical College, Burgas

From 2006 to the present moment

Lecturer in psychiatry and medical psychology at the Medical College, Haskovo town

Research activity

The candidate submits two dissertations. Two abstracts, as the last abstract related to the second dissertation is presented in Bulgarian and English. The consistency of Associate Professor Dr Panov's scientific career is impressive as he strictly follows the analysis of factors related to resistance in patients with psychoneurological diseases. Associate Professor Dr Panov also presents 3 monographs. Both monographs are accompanied by reviews by qualified psychiatrists, which turns them into habilitation works.

The third monograph is co-authored. Prof. Panov is the author of 7 chapters of the monograph.

The candidate submits 41 full-text articles. Of these, associate professor Panov is the first author in 30 /73.2%/ of them. Second author of 4 /9.6 %/. From these data, it is clear that the author was very active in the preparation of the scientific production.

Of the presented articles, 6 were published in journals with an impact factor. The author's personal impact factor is high - IF- 19,356.

Four articles are in refereed journals.

Articles published in collections with international participation - 8 issues

Articles in Bulgarian magazines - 23 issues.

In addition to participation by publishing articles in full text, the candidate also provides us with data on participation in conferences and congresses in the country and abroad with summaries and presentations.

Abstracts from poster sessions in the country and abroad, a total of 7, of which only one abstract was presented in the country, and the rest were presented at international congresses. Of these, Associate Professor Panov is the first author of 5 /71.4%/ and the third author of the remaining 2 /28.5%/.

The candidate has given oral presentations at conferences - 25 as in all Assoc. Prof Dr Panov is the sole author

1 of an international congress

24 at national congresses and conferences

The author's creative output is relatively highly cited.

A total of 62 citations. These citations are in textbooks, monographs and journals, a large number of which are also in journals with an impact factor. The author has presented citations in three textbooks, two monographs and journals.

It should be noted that the candidate in the competition has a high review activity.

He took part 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 "Associate Professor"

Reviewer of a published electroencephalography manual.

Reviewer of 3 publications in refereed journals with an impact factor

Participation in an international project.

The candidate is an independent participant in an international project in the field of schizophrenia "LAURIE project".

The presented scientific works of Associate Professor Dr Georgi Panov are divided into several thematic areas:

1. Clinical Epileptology - 11 publications
2. Psychiatric comorbidity in patients with epilepsy - 7 publications
3. Psychological functioning in patients with epilepsy - 3 publications
4. The relationship between psychiatry and neurology- 2
5. Psychoorganic conditions - 1 publication
6. Dependencies - 1 post
7. Schizophrenia and the factors related to its prognosis - -7 publications

Clinical epileptology

Associate Professor Dr Panov has conducted a large-scale study of the factors related to the resistance of epileptic seizures to the treatment used. Connections were made

between the etiology, the onset of the disease, the duration, the neurophysiological findings, the provoking factors and the outcome of the disease. The analysis of the dynamics of the epileptogenic process over time and its "metamorphosis" with the construction of secondary temporalization of attacks and the provocation of various comorbid conditions is also essential. The question arises whether "aggressive" therapeutic approaches should be sought in them. The publications on the clinical features of epileptic seizures, made after the dissertation work, are a natural continuation of the theme of resistance. Of interest is the analysis of the theory of biological antagonism /epilepsy-psychosis/, which is also related to the phenomenon of "forced normalization" of the EEG after control of epileptic seizures, which is also a serious therapeutic problem.

Psychiatric comorbidity in patients with epilepsy

The assessment of comorbid mental disorders was made after an epidemiological analysis of the appearance of anxiety, affective and psychotic manifestations in patients with epilepsy. Differences in the clinical picture, appearance, duration of psychoses in patients with resistance and those with good treatment control were analyzed. The publication made in a prestigious journal shows that there are many indicators that make it possible to predict possible psychotic episodes in them. The author raises the question: whether resistant epilepsy should not be considered as another clinical reality in which seizures are part of the clinical presentation. He makes analogies in the development of affective and anxiety disorders in them.

Psychological functioning in patients with epilepsy

I believe that one of the interesting and significant contributions of associate professor Dr Panov is the analysis of the psychological functioning of patients with resistant epileptic seizures, compared to those who have good control over therapy. The author proves the existence of the syndrome of "learned helplessness". It is the basis of the apparent psychological well-being that is established when using standard psychological instruments and scales. The establishment of this phenomenon poses the question of searching for more accurate methods of assessing their mental state, due to the fact that the results of standard tests can turn out to be falsely negative if the features of this syndrome - learned helplessness - are not taken into account.

The relationship between psychiatry and neurology

An interesting observation was made, by a wide international group of authors, of which associate professor Dr Panov is the second author, on a patient with comorbid neurological and psychiatric problems. She was observed to have autism, status epilepticus during sleep, tuberous sclerosis, mutism and normal intelligence. The observation was published in a reputable journal with an impact factor. Many questions follow from this publication, such as whether aggressive therapeutic approaches should be sought or whether modern methods of neurosurgery should be used. On the other hand, doesn't normal intelligence against the background of these combined abnormalities, and especially the presence of mutism, shake the old concepts of the emergence and development of intelligence?

Psychoorganic syndrome

In a separate publication, the factors predisposing and maintaining the appearance of the acute psychoorganic syndrome are analyzed. This is one of the most common conditions that lead on the one hand to severe debilitating consequences for the patients / a high percentage turn into chronic dementia/, and on the other hand, further complicate the main disease that necessitated hospitalization.. The analysis of factors predisposing to the appearance of delirious symptoms in patients is important in order to prepare a strategy for its prevention.

This problem is particularly relevant today in connection with the aging of the population and the increased frequency of psycho-organic conditions in non-psychiatric units

The pathological gambling

Pathological gambling addiction has received relatively little attention in the psychiatric literature. The author analyzed the individual published in the literature providing information on the effect of the pharmacological treatment being conducted, finding that there are no definitive data on the effectiveness of one or another preparation. It shows that each individual patient requires an individual complex approach to achieve an effect and prevent social consequences.

Schizophrenia

Schizophrenic pathology is a topic on which Associate Professor Dr Panov has worked in recent years. As with the analysis of patients with epilepsy and the relationship with the resistance of seizures in patients with schizophrenia, the candidate also makes a comprehensive analysis of a number of factors related to drug resistance. The results of these factors are summarized as research in a dissertation work. He continues to deepen his knowledge in this direction with publication activity in a number of journals with a high impact factor.

Assoc Prof Dr Panov analyzes some basic mental processes by making a connection between resistance and dissociative phenomena by building a dissociative model in patients with schizophrenia. Analyzes the functional lateralization of brain processes and their peculiarity in patients with schizophrenia and especially in those with resistance to treatment. The analysis related to the relationship between affective phenomena and schizophrenic pathology can be presented as a certain contribution to his work.

An interesting impression is also made by the approach to the analysis of the gender-defined role and its relationship with resistance in patients with schizophrenia. I am sure that his research in this medical field will continue in the future.

Therapeutic and diagnostic activity

Assoc Prof Dr. Panov has many years of experience (reference - 30 years and 10 months) in inpatient and outpatient settings with patients with various diagnoses. His skills in the use of neurophysiological methods in the evaluation and treatment of patients with neurological and psychiatric diseases are essential. The emphasis in his

practical activity is clinical and consultative psychiatry, epilepsy and conducting neurophysiological research.

It's doing both with the consulting activity and with the organizational and clinical work as the head of the psychiatric clinic at the "Prof. Dr. Stoyan Kirkovich" UMBAL, Stara Zagora. Associate Professor Dr. Panov knows various diagnostic techniques, clinical scales, standardized interviews, which he uses in his work.

CONCLUSION

The above-mentioned data regarding the scientific, teaching and therapeutic activities of associate professor Dr. Georgi Panov correspond to the requirements of the Law on the development of academic staff of the Republic of Bulgaria and its regulations, as well as the Regulations of the University "Prof. Dr. Asen Zlatarov" - Burgas, for occupying the academic position of "professor".

I strongly propose to the Scientific Jury, the Scientific and Academic Council of the University "Prof. Dr. Asen Zlatarov" Associate Professor Dr. Georgi Panov Panov, MD, PhD, DSc, to take the academic position of "professor" in the specialty "Psychiatry" at the University "Prof. Dr. Asen Zlatarov" - Burgas.

28.10.2022

Reviewer:

Prof. Dr. Hristo Bozov MD, PhD