

SCIENTIFIC STATEMENT

by

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Appointed member of the Scientific Jury, according to Document
№ P-109-375/25.08.2023
of the Rector of Medical University Varna

In relation to a competition for the acquisition of the academic position "Associate Professor" in the Higher education area 7. Health care and sports, Professional domain 7.1. Medicine, Specialty „Neurological diseases“,

With the candidate: Chief assistant professor Dr. Mihael Emilov Tsalta- Mladenov, MD, PhD.

Dr. Mihael Emilov Tsalta- Mladenov was born on 13.02.1991 in the town of Varna. He graduated from the 3rd Mathematics and Natural Sciences High School in Varna in 2010. In 2016 he graduated from Medical University- Varna.

Professional career

From 12.12.2016 to 01.06.2018 Dr. Tsalta- Mladenov was a resident doctor in Second clinic of neurological diseases, MHAT "St Marina" Varna. He was appointed post- graduate student on 01.06.2018, and, after acquiring specialty in neurology, from 01.01.2023 he is a specialist in the clinic.

Academic career

During 23.01.2018 to 08.09.2018 Dr. Tsalta- Mladenov was a part- time assistant at the Department of neurological diseases and neurosciences, Varna Medical University, full- time PhD student from 15.01.2018 to 26.04.2021, assistant professor from 08.09.2018, and chief assistant professor since 24.11.2021.

On 26.04.2021 Dr. Tsalta- Mladenov acquired the educational and scientific degree "Doctor of medicine", with thesis topic "Quality of life in patients surviving ischemic stroke- clinicosocial and neuroimaging studies".

Lecturer career

Dr. Tsalta- Mladenov teaches neurology to "Medicine" and "Dental Medicine" students, English and Bulgarian speaking, and to "Midwife" and "Nurse" students, Bulgarian speaking.

Scientific production and contributions

Dr. Tsalta- Mladenov participates in the present competition with 30 scientific works, complying with the minimal scientific requirements to acquire the Academic title of "Associate Professor". The list includes PhD thesis, 10 full text articles in referred and

indexed scientific journals, 13 publications and reports in referred and indexed scientific journals, and 6 publications and reports in unreferred scientific journals or collective editions.

The scientific contributions of the candidate are focused on wide area of interest, including the following:

- Cerebrovascular disease,
- Neuroinfections,
- Neurological complications in conjunctive tissue diseases,
- Neurological complications in metabolic disorders,
- Hereditary diseases of the nervous system,
- Neurodegenerative diseases.

For the first time in Bulgaria were conducted:

- Complex study of the quality of life after ischemic stroke.
- Dynamic follow up of the quality of life changes in ischemic stroke patients up to the third month.
- Comparative analysis of the quality of life in patients after intravenous thrombolysis, and in patients without differentiated treatment.
- Evaluation of the predictive value of different socio demographic and clinical indicators for quality of life after ischemic stroke.

In his works Dr. Tsalta- Mladenov confirmed the causative role of the risk factors for ischemic stroke.

The qualitative indicators in acute ischemic stroke treatment were evaluated by means of international stroke registers- SITS и RES-Q.

A specialized software and a register for regional epidemiological research in stroke patients were developed.

The novelties of acute stage stroke differentiated treatments were summarized.

A meta-analysis, elucidating the role of hereditary predisposition for thrombophilia was conducted.

A number of case report of rare diseases and conditions were reported:

- Acute ischemic stroke in cardiac myxoma.
- Bacterial meningitis, caused by Streptococcus B group, and multiple ischemic strokes.
- Cavernous sinus thrombosis, caused by coagulation disorders in the course of purulent sphenoid sinusitis.
- Guillain- Barre syndrome in the course of Covid- 19 infection.
- Neuro- Behcet.
- Diabetic striatopathy.
- Repetitive ischemic strokes, caused by congenital antithrombin III deficit.
- Hereditary spastic paraplegia.
- Deep brain stimulation in late Parkinson`s disease and drug intolerance.

Dr. Tsalta- Mladenov was an independent or first author of 20 (67%) of the submitted scientific works.

According to the Medical University Varna Library data his works were cited 13 times, and his total impact factor was 71,348.

In conclusion, evaluating the complex clinical and teaching experience, the scientific production and related contributions of the candidate, I believe that the presented scientometric indicators meet all the requirements of the Law Recommended Criteria and Regulations.

All mentioned above gives me the grounds to vote for, and to appeal that the members of the Honorable Jury stand in support of awarding the Academic title of “Associate Professor” in Neurological diseases to Dr. Mihael Emilov Tsalta- Mladenov, MD, PhD.

Date: 23.10.2023
Varna, Bulgaria

Signed:


Borislav Ivanov, M.D., Ph.D.