

EXPERT REVIEW

by Prof. Dr. Stoyan Georgiev Milanov, MD, PhD, UMNATEM "N.I. Pirogov",

on the competition procedure for the academic position of "Associate Professor" in the scientific specialty "Urology" for the needs of the Clinic of Urology, UMHATEM "N.I.PIROGOV" EAD, Sofia, announced in the State Gazette- No. 86/28.10.2022, with the only candidate, sen. assistant prof. Dr. Boris Seryozhev Mladenov, PhD. A complete set of documents has been submitted for the competition, in accordance with the requirements of the Regulations for the Development of the Academic Staff of UMNATEM "N.I. Pirogov" under the order of the Executive Director RD-26-244/31.01.2023.

Dr. Boris Seryozhev Mladenov was born on 25.10.1985. In 2010 he graduated in Medicine at Medical University Sofia. He was awarded the degree of PhD in Urology (2016). His professional development began in 2010 as a physician at the Clinic of Urology - N.I. Pirogov University Hospital, where he successively held the positions of assistant (since 2011) and senior assistant prof. (since 2017). Master of Public Health and Health Management (2017). He has conducted courses, specializations and internships in Koblenz, Germany; Salzburg, Austria and Prague, Czech Republic. Dr Boris Seryozhev Mladenov is a member of the Bulgarian Urological Society and the European Urological Association.

Scientific activity

Dr. Boris Mladenov submitted 70 scientific papers for the competition, of which 21 publications are refereed in world databases (in 4 of them he is the first author), 42 publications in non-refereed peer-reviewed journals (in 22 of them he is the first author). Authorship/co-authorship in 5 chapters of collective monographs and in 2 textbooks on Urology for students are presented. A list of 25 citations is provided. I do accept the total impact factor of publications of 29.229. Dr. Boris Mladenov presents 25 participations in scientific forums at home and abroad with abstracts. I accept that the candidate's total score on the national and scientific organization-specific science metric requirements is 1101.85 points and 2379 points, respectively. Dr. Boris Mladenov is a participant in two national projects on the genetic features and characteristics of bladder cancer, jointly with the Department of Genetics of the Faculty of Medicine, Sofia.

Teaching activity, areas of publication activity

Dr. Boris Mladenov is a senior assistant professor at the Clinic of Urology of the University Hospital "Pirogov", with a significant lecture and extra-curricular employment (average annual workload of over 150 hours), with activities in practical and theoretical training of postgraduate students in Urology, lecture workload on the topics of "Emergency Urology" and trainee students in "Emergency Medicine".

The scientific theses developed by Dr. Boris Mladenov can be synthesized in the following areas:

Contributions of scientific and theoretical value in the field of urological trauma - trauma of the urinary system, male genital organs, a modern approach to the treatment of renal trauma has been proposed in relation to the AAST classification system with organ-sparing approach and selective embolization; Contributions of scientific and theoretical value in the field of non-traumatic urological emergency - hematuria, acute scrotum, therapeutic algorithmic approach to priapism.

- Research and scientific-practical contributions in the field of hematuria as a symptom in urology with studies on macroscopic hematuria, features in malignant processes, association with anticoagulant/antiaggregant therapy, with a proposed algorithm and management guide for macroscopic non-traumatic hematuria in outpatient emergency settings.
- Studies and contributions in the field of oncurology - contemporary diagnosis and treatment of prostate (advanced) cancer and bladder cancer, including its genetic features.
- Scientific and other contributions in studies in the field of pediatric urological pathology - diagnosis and treatment of congenital malformations of the urinary and male reproductive systems.
- Scientific and practical contributions in the field of urological complications associated with COVID-19 infection, reconstructive urology (strictures) in children and adults, renal echinococcosis and rare testicular tumors.

I consider that the presented scientific production of Dr. Boris Seryozhev Mladenov, possesses qualitative scientific characteristics, is sufficient in volume, meets the conditions for habilitation, and the requirements for the set of criteria and indicators for holding the academic position of "Associate Professor", according to the Law on Academic Staff Development in Republic of Bulgaria and the The Regulations for the Development of the Academic Staff of the University Hospital "Pirogov. Proceeding from the above, I express my positive assessment and opinion, and I propose to the Honourable Scientific Jury to vote in favour of Dr Boris Seryozhev Mladenov for holding the academic post of Associate Professor in the scientific specialty of Urology for the needs of the Clinic of Urology at UMHATEM "P.I. Pirogov", Sofia.

Sofia

02.02.2023 г. Prof. Dr. St. Milanov, PhD