

STATEMENT

by Prof. Dr. Maya Georgieva Argirova, PhD
Head of the Burns and Plastic Surgery Clinic,
N.I. Pirogov" - Sofia

Member of the Scientific Jury, appointed by Order No. RD-26-244/31.01.2023 of the Executive Director of UMHATEM "N. I. Pirogov"

Subject. Health and Sport in Professional Field 7.1 Medicine and scientific specialty "Urology", announced in Official Gazette No. 86/28.10.2022.

Biographical data:

Dr. Boris Seryozhev Mladenov was born on 25.10.1985 in Sofia. He completed his secondary education at the German Language High School in Sofia. He has two Master's degrees. One in "Medicine" acquired in 2010 and the second in "Public Health and Health Management" in 2017. In 2017 he took the specialty "Urology" and in 2016 he defended his PhD in the same specialty on the topic : " Modern approaches in the diagnosis and treatment of massive non-traumatic hematuria ".

In 2011 he started working at the Urology Clinic of the University Hospital "N.I. Pirogov". Since 2011 he has been an assistant at the clinic. From 2017 to the present time he has been a senior assistant at the same clinic.

His post-graduate medical training includes specialized short-term and long-term training courses in prestigious medical institutions at home and abroad - Koblenz, Prague, Salzburg, etc. He also acquired skills in working with extracorporeal lithotripsy, underwent a course in working in an environment with ionizing radiation, laparoscopic and endoscopic urology.

Dr. Mladenov participated in the development of an algorithm for the management of patients with priapism, contributed to the development of a modern approach to the management of renal trauma with the participation of a multidisciplinary team at the University Hospital "Pirogov", and proposed an exemplary protocol for the management of patients with upper urinary tract (UUT) and lower urinary tract (LUT) hematuria.

Dr Mladenov also has professional experience in the field of oncurology. He works at the Hospital for Oncology - Sofia, following up on patients with oncurological diseases with a strong interest in the treatment and dispensary follow-up of patients with prostate and bladder cancer. He has co-authored the first articles in the country regarding PET/CT diagnosis of prostate cancer with PSMA Ga68.

Dr Mladenov is a member of the Bulgarian Urological Society and the European Association of Urology

Scientific and teaching activity:

The candidate's scientific interests are in the field of urological emergencies, trauma of the kidney, as well as profiled in the field of oncurology.

Dr Mladenov submitted 70 scientific papers for review in the current competition for the academic position of Associate Professor in Urology, including a dissertation with abstract, participation in chapters of a collective monograph and co-authorship in textbooks for medical students. The scientific papers are presented by number in appropriate sections according to the type of articles - those in refereed journals and those in Bulgarian peer-reviewed journals. A division is made according to whether the candidate is the first or subsequent author. The candidate has 21 publications in journals refereed in world databases, in 4 of which he is the first author. The number of articles in non-peer-reviewed journals is 42, in 22 of which he is first author. Author and co-author of 5 chapters of a collective monograph, as well as a textbook on urology for medical students in Bulgarian and English. 19 citations in refereed journals with scientific peer review - 9 in SCOPUS (Elsevier) and 10 in Web of Science (Clarivate), as well as 6 in non-refereed ones (from the Central Library of Medicine - CBM). The total impact factor is 29,229 from the attached reference from the Central Medical Library (CMB) at the Medical University - Sofia.

Dr. Mladenov trains postgraduate students in urology and lectures to medical students within the framework of "Emergency Medicine". He was a visiting assistant professor of urology at the Medical Faculty of University "Sv Kliment Ohridski", Sofia. He has also been an assistant professor in the Department of Medicine at the University of St. Kliment Ohridski, and has conducted classes for Bulgarian and foreign students. Participated in research teams in two national projects on the genetic features and characteristics of bladder cancer, jointly with the Department of Genetics of MF-Sofia, project to the Fund for Scientific Research (FNR), contract DM13/4 of 20.12.2017 and project to MU-Sofia, contract D-60/03.05.2018.

Dr. Mladenov conducted research on the diagnostic and treatment approaches for kidney injuries, analyzing in detail the results of conservative and surgical treatment in relation to the different grades of the AAST classification. In some of the articles, the possibility of conservative treatment of renal injuries is confirmed. Other publications focus on bladder cancer. There are also publications on the diagnosis and treatment of prostate cancer. Dr. Mladenov has participated in multidisciplinary teams of two national projects to study the features and characteristics of bladder cancer.

From the materials presented, one can single out several areas in which Dr Mladenov has, besides professional and scientific achievements: diagnosis and treatment of urological trauma; treatment of oncurological diseases; complications of urological nature in Covid - 19 infection; reconstructive urology; management of hematuria of rare origin; renal echinococcosis. Dr. Mladenov has a teaching career in urology, with an annual teaching load in excess of 150 academic hours. He has taught medical students from St. Kliment Ohridski" University in urology, as well as trainee doctors from the Medical University - Sofia in emergency medicine. He has supervised two residents in Urology, and participated in committees conducting colloquia on Urology or practical modules concerning the specialty.

Dr. Mladenov, PhD is distinguished by high efficiency and aspiration for scientific improvement. He has creativity, dialogue and responsibility in the realization of his scientific, medical and educational goals. He is able to work in a team and to lead different teams and hospital structures. He enjoys high authority among his colleagues. Member of national and international scientific organisations. He has proven clinical, scientific and administrative experience, which is an objective prerequisite for successful performance of the post for which he applied.

Having read the documents and materials submitted in the competition, I believe that they meet all the requirements of the Law on the Development of the Academic Staff of the University Hospital "N. I. Pirogov". The scientific output presented by Dr Boris Seryozhev Mladenov exceeds the required minimum of the scientific metrics set out in the national requirements, as well as the requirements set out in the Regulations for the Development of Academic Staff (Annex 1) of the University Hospital "N. I. Pirogov".

For the above reasons, I find it justified to give my positive assessment and propose to the honorable members of the Scientific Jury to vote positively for the election of Dr Boris Seryozhev Mladenov, PhD to the academic position of Associate Professor in the field of Higher Education 7. Health and Sport, Professional field 7.1. Medicine and the scientific specialty "Urology" for the needs of the Clinic of Urology of the University Hospital "N. I. Pirogov" EAD - city of Sofia.

Date: 21.02.2022.

Sofia

Signature:

Prof. Dr. Maya Argirova, PhD