



**Assist. Prof. Slavica Mutavdžin Krneta, MD, PhD**  
(Belgrade, Serbia)

Dr. Slavica Mutavdžin Krneta was born on December 19, 1988 in Pančevo, Serbia. She enrolled in integrated academic studies at the Faculty of Medicine in Belgrade in the academic year 2007/2008 and completed them in 2013 with an average grade of 9.81. She was a demonstrator at the Department of Medical Physiology for four academic years from 2009 to 2013. As a student, she began to engage in scientific research. She did her professional development at the University Hospital in Bratislava and the Texas Heart Institute in Houston. In 2016, she completed specialist academic studies in clinical pharmacology and therapy, and in 2019, she completed master academic studies in physical activity, health, and exercise therapy, both at the Faculty of Medicine in Belgrade.

Dr. Mutavdžin Krneta completed her doctoral studies in physiological sciences at the Faculty of Medicine in Belgrade in 2022 and defended her doctoral dissertation entitled "Effects of vitamin B6 and folic acid on the cardiovascular system of rats with streptozotocin-induced diabetes mellitus". The mentor of her doctoral dissertation was Professor Dragan Đurić and the co-mentor was Professor Milica Labudović Borović. She has been employed as a teaching associate at the Department of Medical Physiology since 2014, as a teaching assistant since 2016, and as an assistant professor since 2023. Dr. Mutavdžin Krneta participates in practical classes in integrated academic studies (in Serbian and English), undergraduate studies, and postgraduate studies. She participated in the development of the Practical book of Medical Physiology for undergraduate studies and as the redactor of the 13<sup>th</sup> edition of Guyton and Hall's Textbook of Medical Physiology. Since 2016, she has been a member of the laboratory for cardiovascular physiology at the Institute of Medical Physiology "Richard Burian" where she actively engages in scientific research. She is a member of the scientific project "Effects of Homocysteine and Homocysteine-Related Substances on the Cardiovascular System: The Role of Gas Transmitters NO, H<sub>2</sub>S, and CO", project number OI-175043, under the leadership of Professor Dragan Đurić since 2018. Dr. Mutavdžin Krneta is the author and co-author of 86 papers and publications, 12 of which have been printed in journals with an JCR list. She received an award for the best poster at "The 6<sup>th</sup> Meeting of the European Section and the 7<sup>th</sup> Meeting of the North American Section of the International Academy of Cardiovascular Sciences (IACS)" in Vrnjačka Banja, Serbia in 2019, for her scientific research. In 2018, she enrolled in a health specialization in internal medicine at the Faculty of Medicine in Belgrade.