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Robotics in Medical Engineering

Guest Editors:

Dr. Jiejunyi Liang

School of Mechanical Science & Engineering, Huazhong University of Science and Technology, Wuhan, China

Prof. Dr. Ting Zhang

Robotics and Microsystems Center, Soochow University, Suzhou 215000, China

Dr. Jianjun Meng

School of Mechanical Engineering, Shanghai Jiao Tong University, Shanghai 200240, China

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Message from the Guest Editors

The rapid development of robot technology has led to its wide application in the medical field, and, due to its desirable features of accuracy, versatility, repeatability and intelligence, medical care and fundamental investigations in the fields of medicine and life science have made significant progress in recent decades. Robotic surgical systems enable people in remote areas to benefit from high-quality medical services through teleoperation technology, and intelligent elderly care robots alleviate the problem of population aging to a certain extent. Additionally, high-performance sensors make it possible for us to deepen the understanding of life, as high-resolution medical imaging equipment and artificial intelligence diagnosis technology can assist doctors in proposing more effective treatment plans. Since the application of robotics in the medical field has received extensive attention from specialists around the world, we are launching this Special Issue, entitled “Robotics in Medical Engineering”, which welcomes original research articles, reviews and short communications including, but not limited to, the abovementioned topics.



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Special Issue



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Editor-in-Chief

Prof. Dr. Anthony Guiseppi-Elie

Department of Biomedical
Engineering, Texas A&M
University, College Station, TX
77843, USA

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Bioengineering Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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