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Surgical Robotics: From the Laboratory to the Operating Room

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Message from the Guest Editors

Over the past twenty years, surgical robots have seen an increasing acceptance and utilization in the operating room, revolutionising interventions by enhancing surgical dexterity and safety, while reducing procedure and patient recovery times. Current commercial platforms cover a wide range of surgical specialties, from urologic, to colorectal, to gynecologic surgery, to name a few. In the last years, many more companies have entered the market, offering advanced robotic surgical solutions, intensifying the competition, while at the same time, research in the field has been growing exponentially.

The main goal of this Special Issue is to provide a current snapshot of the state of the art, both for the commercial platforms deployed in the Operating Room, as well as the research and innovation output from academia.

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Message from the Editor-in-Chief

It is my great pleasure to welcome you to our open access journal, *Robotics*, which is dedicated to both the foundations of artificial intelligence, bio-mechanics and mechatronics, and the real-world applications of robotic perception, cognition and actions. The 21st century is the robotics century and intelligent robots will change our lifestyle forever. Let us work together toward the realization of intelligent robots step by step.

It is great fun to create intelligent robots and imagine their practical applications. *Robotics* is now ready to serve you in the long journey towards such a goal.

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