

## Special Issue

# Prospects in Technology of Medical/Surgical Robotics and Intelligent Systems

### Message from the Guest Editors

We invite researchers, practitioners, and innovators to contribute to our Special Issue on "Prospects in Technology of Medical/Surgical Robotics and Intelligent Systems". This issue aims to explore the latest advancements, challenges, and future directions in the development and application of robotics and intelligent systems in medical and surgical contexts. Topics of interest include robotic-assisted surgery, AI-driven diagnostic tools, machine learning applications in healthcare, human–robot interactions, telemedicine advancements, and the integration of intelligent systems in clinical workflows. We seek original research articles, comprehensive reviews, and insightful case studies that address technological innovations, clinical outcomes, ethical considerations, and the economic impact of these cutting-edge technologies. Contributions that demonstrate interdisciplinary approaches and collaboration between engineering, computer science, and medical fields are highly encouraged. Join us in shaping the future of healthcare by sharing your valuable insights and breakthroughs.

### Guest Editors

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### Deadline for manuscript submissions

closed (31 December 2024)



## Applied Sciences

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## About the Journal

### Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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### Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo  
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