



## The Application of Robots in Medical Diagnosis and Treatment

Guest Editor:

**Dr. Kihan Park**

Mechanical Engineering,  
University of Massachusetts  
Dartmouth, Dartmouth, MA  
02747, USA

Deadline for manuscript  
submissions:

**closed (20 February 2023)**

### Message from the Guest Editor

This Special Issue aims to provide a comprehensive review of research articles on state-of-the-art medical robotics and to highlight the various approaches to their clinical application in such areas as diagnosis and treatment. This issue presents the main challenges to medical robotics in terms of novel hardware design, dynamics, control, sensors, imaging, and artificial intelligence for medical diagnosis and treatment, or any other adjacent topics.





an Open Access Journal by MDPI

## Editor-in-Chief

**Prof. Dr. Giulio Nicola Cerullo**  
Dipartimento di Fisica,  
Politecnico di Milano, Piazza L.  
da Vinci 32, 20133 Milano, Italy

## 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.

## Author Benefits

**Open Access:** free for readers, with article processing charges (APC) paid by authors or their institutions.

**High Visibility:** indexed within Scopus, SCIE (Web of Science), Inspec, CAPlus / SciFinder, and other databases.

**Journal Rank:** JCR - Q1 (Engineering, Multidisciplinary) / CiteScore - Q1 (General Engineering)

## Contact Us

---

*Applied Sciences* Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
[www.mdpi.com](http://www.mdpi.com)

[mdpi.com/journal/applsci](http://mdpi.com/journal/applsci)  
[applsci@mdpi.com](mailto:applsci@mdpi.com)  
[X@Applsci](#)