

Special Issue

Micro-Medical Robotics Research

Message from the Guest Editor

Micro-medical robotic research is a field of micro-robots applied to treat or diagnose human disease. Many researchers have investigated ways to innovate conventional medical procedures, and there has been quite a bit of success recently, such as spiral micro-robots to treat occlusive blood vessels or capsule-type micro-robots to diagnose gastrointestinal disease. This issue will be a forum to discuss state-of-the-art multidisciplinary research activities of wired or wireless micro-robots at a small scale, magnetic navigation systems or any actuation systems to apply energy to micro-robots, and control methods and their application to human bodies.

The topics of interest include but are not limited to:

Wired or wireless micro-robots at a small scale;

Magnetic navigation systems;

Control methods;

Position identification;

AI in robotics and automation;

Human-robot interaction;

Teleoperation;

Handling and manipulation;

Application to human bodies.

It is my great pleasure to invite you to submit a manuscript for this Special Issue.

Guest Editor

Prof. Dr. Gunhee Jang

Graduate School of Mechanical Engineering, Hanyang University, Seoul 04763, Korea

Deadline for manuscript submissions

closed (30 October 2022)



Applied Sciences

an Open Access Journal
by MDPI

Impact Factor 2.5
CiteScore 5.5



mdpi.com/si/111722

Applied Sciences
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
appls@mdpi.com

[mdpi.com/journal/
appls](https://mdpi.com/journal/appls)





Applied Sciences

an Open Access Journal
by MDPI

Impact Factor 2.5
CiteScore 5.5



[mdpi.com/journal/
applsci](https://mdpi.com/journal/applsci)



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.

Editor-in-Chief

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

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), Ei Compendex, Inspec, CAPlus / SciFinder, and other databases.

Journal Rank:

JCR - Q2 (Engineering, Multidisciplinary) / CiteScore - Q1 (General Engineering)