Special Issue

Micro and Nano Robotic Platforms for Biomedical Applications

Message from the Guest Editor

Dear colleagues, Micro and nano machines are gaining emerging interest in the field of biomedical applications. Precise targeted delivery of therapeutics, precision surgery, cellular level micromanipulation, regenerative medicine, and organ printing are among those application which can benefit significantly from this field. Sharing latest achievements in such a multi- and inter-disciplinary field plays a vital role in advancing micro and nano robotic technology, which has obvious impacts in the future of medicine and biological sciences. This Special Issue is a platform for the dissemination of novel scientific results related to micro and nano robotic research with a focus in biomedical applications. The topics of interest are, but are not limited to the following: micro and nano robotics, machine intelligence, image guided solutions, artificial intelligence and deep learning methods for micro and nano manipulation or operation. Multidisciplinary projects with direct involvment of engineers, computer scientists, clinicians and biologists are specifically encouraged.

Guest Editor

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