



Mobile Micro/Nano Robots

Guest Editor:

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Deadline for manuscript
submissions:

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Message from the Guest Editor

Dear Colleagues,

Mobile microrobotics, as an emerging robotics field, has a great potential to revolutionize modern medicine via enabling minimally invasive interventions at hard-to-reach and delicate inner body locations. Miniaturization down to submicron scale with on-board powering, sensing, control, and computational capabilities, and application-specific medical functions is one of the major scientific challenges in the mobile microrobotics field. Different design and manufacturing approaches, including biohybrid and synthetic, have been utilized to effectively miniaturize functional machines (robots) with powering, sensing, and control capabilities. This Special Issue welcomes submissions from all areas of the microrobotics field, with a special focus on communications and mini-reviews presenting the current state-of-the-art progress in biohybrid and synthetic micro/nano robot designs with different medical functionalities, such as cell manipulation, diagnostic, therapeutic delivery, and microsurgery.

Dr. Oncay Yasa
Guest Editor





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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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