



Soft Microrobots

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Message from the Guest Editors

Dear colleagues,

Soft microrobots are fascinating devices that can be actuated by an external stimuli to swim in fluids with diverse rheological properties. Most of the time, their swimming mechanisms are inspired from nature. They are simple in geometry but require fabrication at a microscale. They are small in size and have diverse applications in nanotechnology, minimally invasive surgery, and biomedicine. Therefore, this Special Issue has a multi-disciplinary nature and aims to show contributions from interdisciplinary expertise from multiple fields. Our aim is to present novel methodological fabrication, wireless actuation, minimally-invasive localization, mathematical modeling, and motion control methods of soft microrobots. This Special Issue also seeks to publish recent advances in translating soft microrobots into in vivo biomedical applications.





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