



3D Biomedical Microdevices

Guest Editor:

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Deadline for manuscript
submissions:

closed (30 April 2022)

Message from the Guest Editor

In this Special Issue, we invite manuscripts conducting interdisciplinary research from areas of diverse expertise that can promote the further development of biomedical microdevices. Contributions related (but not limited) to 3D printing and bioprinting production of artificial tissue, organ models, and implantable devices, as well as building lab-on-a-chip for drug testing, smart prosthetics, and human-machine interfaces are welcome. Efforts to build advanced fabrication technologies, including the development of stimulus materials, self-folding approaches, biomimetic and bioinspired designs, microfluidic devices for medical diagnosis, and drug delivery capsules are also desirable. Finally, advanced studies on the development of biomaterials and devices for biosensing, bioelectronics, bioimaging, and nanomedicine are highly encouraged for submission. Authors are also welcome to submit review articles to summarize state-of-the-art technologies and to propose future research directions.





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Message from the Editor-in-Chief

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