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Advanced Micro/Nano Manufacturing Technologies for Biomedical Microsystems

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Message from the Guest Editor

Dear Colleagues,

The focus of this Special Issue will be on advancements in micro/nanomanufacturing technologies for biomedical micro-systems. Topics will include fundamental materials science, traditional manufacturing processes such as photolithography, emerging micro-additive/hybrid technologies such as multimaterial 3D printing, MEMS and NEMS applications, miniaturized robotic systems, and nanomaterials for biosensing.

Application areas cover microfluidic/lab-on-a-chip systems for areas such as diagnostics; miniaturized drug delivery systems such as microneedles; materials for neural prosthetics, implants, and scaffolds; and minimally invasive surgical applications and tissue engineering.



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Special Issue



Editor-in-Chief

Message from the Editor-in-Chief

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