

## Special Issue

# Advanced Biomanufacturing for Biomedical Engineering Applications, 2nd Edition

### Message from the Guest Editor

Advanced biomanufacturing, along with biomaterials and cell/stem cell technology, has shown great promise for engineering highly tunable tissue analogues to address significant challenges in biomedical engineering. This Special Issue aims to collect high-quality original and review articles on the development/creation of cutting-edge engineering technologies, artificial constructs, and devices for broad applications in biomedical engineering and to explore the most important questions in the field. The topics include, but are not limited to, advanced biomanufacturing, 3D printing and bioprinting, biomaterials and bioinks, biomanufactured constructs/devices for regenerative medicine, disease modeling, and drug screening, as well as advanced imaging methods/technologies to non-invasively track biomanufactured structures in living animal models and/or human patients.

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### Guest Editor

Dr. Liqun Ning

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### Deadline for manuscript submissions

closed (31 August 2025)



## Micromachines

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### Message from the Editor-in-Chief

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### Editor-in-Chief

Prof. Dr. Nam-Trung Nguyen

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