

Special Issue

Bioengineered In Vitro Models for Biomedical Applications

Message from the Guest Editor

In this Special Issue, we aim to gather the latest advances in these biomimetic models of human tissues, including but not limited to new biomaterials (e.g., hydrogels, bioresponsive materials); advances in biofabrication techniques (e.g., 3D bioprinting, high-resolution microfabrication); co-culture 3D models (e.g., vascularized models, stromal and immune components); microphysiological systems (e.g., multiscale engineered systems, (multi)organ-on-chip); and their applications in biomedicine. Original works are welcome as well as reviews on the field.

Guest Editor

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Message from the Editor-in-Chief

Biomedicines (ISSN 2227-9059) is an open access journal devoted to all aspects of research on human health and disease, the discovery and characterization of new therapeutic targets, therapeutic strategies, and research of naturally driven biomedicines, pharmaceuticals, and biopharmaceutical products. Topics include pathogenesis mechanisms of diseases, translational medical research, biomaterial in biomedical research, natural bioactive molecules, biologics, vaccines, gene therapies, cell-based therapies, targeted specific antibodies, recombinant therapeutic proteins, nanobiotechnology driven products, targeted therapy, bioimaging, biosensors, biomarkers, and biosimilars. The journal is open for publication of studies conducted at the basic science and preclinical research levels. We invite you to consider submitting your work to *Biomedicines*, be it original research, review articles, or developing Special Issues of current key topics.

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