

Special Issue

Advanced Research on Nanomaterials for Regenerative Medicine

Message from the Guest Editor

Nowadays, the development of biomaterials has entered the “nanotechnology era”. Within this Special Issue, we will discuss current advances in nano/biomaterials research, tissue engineering applications, drug delivery systems, nanotechnology-based disease detection systems, and development of therapeutic approaches using “intelligent nano or biomaterials”. This Special Issue is open for the submission of basic and clinical research, also cover original articles and reviews on the following topics:

- Novel therapeutic approaches including biomaterials.
- Drug delivery systems.
- Nanotechnology-based mesenchymal stem cell therapy.
- Bioactive signals delivery for mesenchymal stem cell differentiation.
- Application of nano materials in osteogenesis, chondrogenesis, angiogenesis, neurogenesis, etc.
- Clinical trials/research on nanobiomaterials.
- Tissue engineering.

Guest Editor

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About the Journal

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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manuscripts are peer-reviewed and a first decision is provided to authors approximately 17 days after submission; acceptance to publication is undertaken in 2.9 days (median values for papers published in this journal in the first half of 2025).