

Special Issue

Disease-Focused Research Using Stem Cells

Message from the Guest Editor

This Special Issue of *Biomedicines* focuses on recent advances in disease modeling and regenerative medicine using stem cells. The goal is to demonstrate the conceptual and practical advances in order to expand the applications in this exciting field. We encourage authors to submit original research and review articles where the focus is on various disease-focused studies using pluripotent stem cells and/or somatic stem cells. Potential topics include, but are not limited to:

- Stem cell establishment and characterization
- Development of genome-edited stem cells
- Development of stem cell culture and handling (e.g., differentiation, sorting, preserving, or mass production) methods
- Development of novel analysis methods using stem cells
- Disease modeling using stem cells
- Drug safety tests and screening using stem cells
- Demonstration of stem cell transplantation for therapeutic purposes

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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