



Cells and Materials for Disease Modeling and Regenerative Medicine

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Message from the Guest Editors

Materials science and engineering are continuously developing tools that are potentially useful in biological and biomedical applications. Interestingly, concepts related to molecular and cellular biology are now being used to yield approaches with biological rationale, biocompatible and/or bioactive, and useful for novel in vitro testing strategies and in vivo regenerative advanced therapies (gene therapy, cell therapy, and tissue engineering).

This Special Issue of *IJMS* will compile original scientific experimental articles and comprehensive reviews focused on using “Cells and Materials for Disease Modeling and Regenerative Medicine” purposes. It will cover in vitro and in vivo strategies based on cell-material interactions, targeting any tissue and aiming to respond to any physiological and/or pathological question relevant to the field.





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Message from the Editor-in-Chief

The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

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