

Special Issue

Future Trends in Biomaterials and Devices for Cells and Tissues

Message from the Guest Editors

Research strategies are focusing on new bioinspired approaches for the design of biomaterials and devices to be used for repairing and/or regenerating tissues and organs as well as for creating in vitro physiologically relevant models. More importantly, biomaterials can be designed to exhibit ECM micro- to nanoscale of chemistry and topography providing physical, chemical, and mechanical signals to the cells that generate the appropriate responses for the formation of a new organ or tissue. This Special Issue aims to emphasize current advances in bioinspired/biomimetic materials and devices providing insights into how they can be translated into cutting-edge biomedical applications.

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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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