

Special Issue

Innovative In Vitro Model for Medical, Pharmaceutical and Diagnostic Applications

Message from the Guest Editors

New in vitro systems that mimic the physiopathological complexity and dynamics of native organ/tissue are useful tools to provide more accurate information about the cell-to-cell interaction, cell-microenvironment interplay, tumor characteristics, drug discovery, drug and nutraceutical testing, metabolic profiling, infection mechanism, and to study various types of diseases. This Special Issue of the International Journal of Molecular Sciences titled “Innovative Platforms for Medical, Pharmaceutical and Diagnostic Applications” will include a selection of scientific contributions aimed at presenting the development and the application of such innovative models or protocols in cell biology, toxicology, infection, diseases, and drug/nutraceuticals development and screening, as well as preclinical 3D imaging in order to study physiological or pathological conditions and to address personalized and regenerative medicine approaches. Original research, review articles, preclinical studies, short communications, and letters on all topics in these research fields are invited.

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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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