

Special Issue

Advances in Stem Cells and Organoid Development: Exploring Molecular, Metabolic and Electro-Synaptic Mechanisms Using Systems Approach

Message from the Guest Editors

Stem cell technologies have highlighted the development, pathologies, and control of stem cells, organoids and 3D cancer cultures at the new, global systems levels. This has become feasible due to recent developments in high-throughput genomics, proteomics, electro-synaptomics and nanophotonics engineering. This Special Issue will publish current research in these areas and propose future studies to ultimately integrate genome-neuronal and genome-cancer models constructed by correlating genomic topology, gene activity networks, protein networks and resultant cellular and neuronal networks. Prof. Dr. Michal K. Stachowiak

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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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