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

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Deadline for manuscript submissions: **closed (30 June 2024)**

Message from the Guest Editors

Dear Colleagues,

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 Dr. Anirban Dutta Guest Editors













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Message from the Editor-in-Chief

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