

Special Issue

Stem Cell Biology in Health and Disease

Message from the Guest Editor

Currently, stem cell research holds a great promise in overcoming challenges of incurable diseases and various health issues. Further understanding in stem cell biology will bring more opportunities in advancing novel cures for untreatable ailments. Differentiation of embryonic stem cells allows to investigate the early stage of development and induced pluripotent stem (iPS) cells provide patient-specific disease modeling. Adult stem cells in conventional and three-dimensional organoid culture become affordable sources for the regenerative therapy and the drug screening platform. Genome editing in stem cells holds the potential to cure the disease without relapse. This Special issue will highlight the stem cell biology related to specific health and disease issues, which may contribute to the development of the future diagnostic or therapeutic applications.

Guest Editor

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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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