

Special Issue

Pluripotent Stem Cells 2021

Message from the Guest Editor

Thanks to the recent advances in stem cell research, there are emerging applications of pluripotent stem cells. As pluripotency, a unique feature of pluripotent stem cells, enables the production of all types of cells in the human body, a variety of cell types derived from pluripotent stem cells would be a promising cell source, not only for regenerative medicine, but also in the basic sciences for disease mechanisms and development. Besides, the substantial advancement in gene-editing technology even extends the application of pluripotent stem cells to enable “human disease modelling” and “ex vivo cell therapy” for genetic diseases. This Special Issue of the *International Journal of Molecular Sciences* covers the research interest in basic sciences of pluripotency, self-renewal, lineage differentiation, cellular reprogramming, and a wide range of applications of pluripotent stem cells to extend the future applications of pluripotent stem cells in a variety of scientific fields.

Guest Editor

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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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