



Pluripotent Stem Cells 2021

Guest Editor:

Dr. Hyuk-Jin Cha

College of Pharmacy, Seoul
National University, Seoul 08826,
Korea

Deadline for manuscript
submissions:

closed (31 December 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.





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Maurizio Battino

Department of
Odontostomatologic and
Specialized Clinical Sciences,
Sez-Biochimica, Faculty of
Medicine, Università Politecnica
delle Marche, Via Ranieri 65,
60100 Ancona, Italy

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.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus, SCIE (Web of Science), PubMed, PMC, MEDLINE, Embase, CAPus / SciFinder, and other databases.

Journal Rank: JCR - Q1 (Biochemistry and Molecular Biology) / CiteScore - Q1 (Inorganic Chemistry)

Contact Us

*International Journal of Molecular
Sciences* Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/ijms
ijms@mdpi.com
X@IJMS_MDPI