



Development of Cell Culture Technology: Molecular Aspects and Beyond

Guest Editor:

Dr. Sun-Woong Kang

Research Group for Biomimetic
Advanced Technology, Korea
Institute of Toxicology, Yusong,
Republic of Korea

Deadline for manuscript
submissions:

closed (30 September 2021)

Message from the Guest Editor

There are a number of cell culture systems that are already available. These systems are being used in a variety of research applications such as cancer research, drug and toxicity screening, stem cell research, and regenerative medicines. Therefore, cell culture systems have become very important and useful in toxicology and medicine.

This Special Issue, “Development of Cell Culture Technology: Molecular Aspects and Beyond”, of the *International Journal of Molecular Sciences*, will comprise a selection of research papers and reviews contributing to the evaluation of specialized cell cultures in toxicology and medicine.

Keywords

- 3D cell culture
- Molecular toxicology
- Cell therapy
- Alternative toxicology test
- Organoids
- Stem cell
- Tissue engineering





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, CAPlus / 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, St. Alban-Anlage 66
4052 Basel, Switzerland

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

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