



cells



an Open Access Journal by MDPI

Chronic Inflammatory Disease and COVID-19: Possibilities and Challenges?

Guest Editor:

Prof. Dr. Goo-Bo Jeong

Department of Anatomy and Cell
Biology, College of Medicine,
Gachon University, Incheon,
Republic of Korea

Deadline for manuscript
submissions:

closed (31 August 2022)

Message from the Guest Editor

Dear Colleagues,

The issue is intended to focus on the advancement in the technologies of exploring stem cells in treatment of COVID-19 and its associated complications. This will include optimizing the methods for in-vitro culturing different cell types from different tissue sources, methods for harvesting stem cells from appropriate culture medium, fabrication of customized tailored stem cells through various modification approaches including genetic, physical and chemical. Exploring pre-angiogenic, pro-regenerative, anti-inflammatory and anti-fibrotic potential of stem cells and tailored stem cells in management of COVID-19 post infection changes in human body, will be discussed in detail. Stem cells proven to modulate immune function, and this characteristic should be explored as prospective therapy in SARS-CoV-2 induced inflammatory dysfunction. Finally, we are looking for papers on iPS based machine learning for SARS-CoV-2 infection to enable drug discovery and repurposing.

Prof. Dr. Goo-Bo Jeong
Guest Editor



mdpi.com/si/97708

Special Issue



cells



an Open Access Journal by MDPI

Editors-in-Chief

Prof. Dr. Alexander E. Kalyuzhny

Neuroscience, UMN Twin Cities,
6-145 Jackson Hall, 321 Church St
SE, Minneapolis, MN 55455, USA

Prof. Dr. Cord Brakebusch

Biotech Research & Innovation
Centre, The University of
Copenhagen, Copenhagen,
Denmark

Message from the Editorial Board

Cells has become a solid international scientific journal that is now indexed on SCIE and in other databases. We have successfully introduced a special issues format so that these issues serve as mini-forums in specific areas of cell science. *Cells* encourages researchers to suggest new special issues, serve as special issues editors, and volunteer to be reviewers. Our main focus will remain on cell anatomy and physiology, the structure and function of organelles, cell adhesion and motility, and the regulation of intracellular signaling, growth, differentiation, and aging. We are open to both original research papers and reviews.

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](#), [MEDLINE](#), [PMC](#), [CAPus / SciFinder](#), and [other databases](#).

Journal Rank: JCR - Q2 (*Cell Biology*) / CiteScore - Q1 (*General Biochemistry, Genetics and Molecular Biology*)

Contact Us

Cells Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

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

mdpi.com/journal/cells
cells@mdpi.com
[X@Cells_MDPI](https://twitter.com/Cells_MDPI)