



Immune Cell Mediated Tissue Regeneration

Guest Editor:

Assoc. Prof. Kathy Lui

The Chinese University of Hong
Kong, Hong Kong, China

Deadline for manuscript
submissions:

closed (31 January 2021)

Message from the Guest Editor

Dear Colleagues,

It has been demonstrated that an immune response is essential to the initiation of tissue repair after injury but too much inflammation contributes to secondary tissue damage. Indeed, tissue repair and regeneration are tightly orchestrated by immune cells, including neutrophils, macrophages, and even T lymphocytes such as regulatory T cells. Emerging evidence suggests that immune cells can also interact with tissue stem or progenitor cells to facilitate regeneration.

This Special Issue, entitled "Immune-Cell-Mediated Tissue Regeneration", aims to discuss interdisciplinary approaches to the study of tissue repair and regeneration that combine developmental biology, regenerative biology, immunology, and biomaterial and tissue engineering. We will also delineate the mechanisms by which immune cells adopt an anti-inflammatory, anti-fibrotic, pro-wound-healing, and tissue-regenerating phenotype in different organ systems after injury, and highlight how some of these mechanisms could be exploited therapeutically.

Assoc. Prof. Kathy Lui

Guest Editor





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, Grosspeteranlage 5
4052 Basel, Switzerland

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

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