

## Special Issue

# Advanced Biomaterials for Wound Healing 2021

### Message from the Guest Editor

Healing of skin wounds, both acute and chronic, is recognized by the World Health Organization as a global unmet need. There are a variety of therapeutic options available to improve the healing process. However, this Special Issue will focus on advanced biomaterials capable of driving positive healing responses.

Biomaterials and cells, including stem cells, are core elements of translational biomedical sciences and have provided us a plethora of knowledge necessary to develop various technologies for wound healing and the regeneration of skin. The goal of proposing this Special Issue “Advanced Biomaterials for Wound Healing” is to provide the audience a taste of the promising recent novel biomaterial strategies that have greatly advanced the field of wound healing resulting in improved quality of life.

---

### Guest Editor

Dr. Shanmugasundaram Natesan

U.S. Army Institute of Surgical Research, Fort Sam Houston, San Antonio, TX, USA

---

### Deadline for manuscript submissions

closed (28 February 2021)



## International Journal of Molecular Sciences

---

an Open Access Journal  
by MDPI

---

Impact Factor 4.9  
CiteScore 8.1  
Indexed in PubMed



[mdpi.com/si/44504](https://mdpi.com/si/44504)

*International Journal of  
Molecular Sciences*  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[ijms@mdpi.com](mailto:ijms@mdpi.com)

[mdpi.com/journal/](https://mdpi.com/journal/)

[ijms](https://www.mdpi.com/ijms)





# International Journal of Molecular Sciences

---

an Open Access Journal  
by MDPI

---

Impact Factor 4.9  
CiteScore 8.1  
Indexed in PubMed



[mdpi.com/journal/](https://mdpi.com/journal/ijms)

[ijms](https://ijms)



## About the Journal

### 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.

---

### 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

---

### 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)