

Special Issue

Recent Advances in Pathophysiology of Fibrosis and Scarring

Message from the Guest Editor

Fibrosis is the generation of fibrous connective tissues. It can be pathological when it interferes with organ architecture and functions. It arises from inflammation that is caused by a variety of mechanisms, including autoimmune reactions. Fibrosis and scarring involve complex biological pathways. Despite considerable research, the exact mechanisms by which these responses are initiated, evolve, and are regulated remain to be fully elucidated. Further research on these issues is important, because the development of effective treatments or strategies that prevent or halt fibrosis and induce scar-less wound healing would be a dramatic step forward for medical science. To achieve this goal, it is necessary to elucidate the relevant clinical, histopathological, and molecular manifestations of fibrosis and scarring and to understand how these manifestations relate to each other. This Special Issue will cover a selection of recent research topics and will include current review articles in the field of fibrosis and scar research for all kinds of tissues and organs. Experimental papers, up-to-date review articles, and commentaries are all welcome.

Guest Editor

Prof. Dr. Rei Ogawa

Department of Plastic, Reconstructive and Aesthetic Surgery, Nippon Medical School, 1-1-5 Sendagi Bunkyo-ku, Tokyo 113-8603, Japan

Deadline for manuscript submissions

closed (30 November 2019)



International Journal of Molecular Sciences

an Open Access Journal
by MDPI

Impact Factor 4.9
CiteScore 9.0
Indexed in PubMed



mdpi.com/si/22697

*International Journal of
Molecular Sciences*
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
ijms@mdpi.com

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





International Journal of Molecular Sciences

an Open Access Journal
by MDPI

Impact Factor 4.9
CiteScore 9.0
Indexed in PubMed



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