



an Open Access Journal by MDPI

# Pathogenesis and New Therapeutic Approaches for Fibrosing Diseases—the Skin as a Model System

Guest Editors:

#### Prof. Dr. Thomas Krieg

Department for Dermatology and Venerology, University of Cologne, 50923 Koln, Germany

#### Prof. Dr. Armando Gabrielli

Fondazione di Medicina Molecolare e Terapia Cellulare, Università Politecnica delle Marche, 60126 Ancona, Italy

Deadline for manuscript submissions: closed (15 October 2023)

mdpi.com/si/141812

### **Message from the Guest Editors**

Dear Colleagues,

The skin represents an exceptional suitable system to follow disease development and to study molecular and cellular mechanisms. It has been demonstrated that data obtained in the skin reflect general mechanisms also acting in other organs.

In this Special Issue, we concentrate on fibrosing skin diseases, describe their heterogeneity, and discuss novel therapeutic approaches generated by a better understanding of pathogenetic mechanisms. Most of these diseases are due to early vascular damage followed by an inflammatory reaction, which finally leads to fibrosis. There have been many important developments addressing these concepts, which lead to new therapies of organ complications in these diseases, which have created major implications for the quality of life of the patients.

Although some information stems from the experimental work carried out in recent years on systemic sclerosis, we have nonetheless been careful to also highlight wider implications, especially for collateral diseases in which fibrosis also represents a significant phenomenon.







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 (Organic 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