

Special Issue

Pancreatic Fibrosis in Inflammation and Cancer

Message from the Guest Editor

Pancreatic fibrosis is a condition that develops in diseases that affect the pancreas such as pancreatitis and cancer. It can evolve starting from changes in the physiology of cells that normally contribute to the homeostasis of the stroma in the tissue. Cells can be abnormally activated by signals from different origins and then can proliferate and contribute to the deposition of extracellular matrix components. The developed fibrotic tissue can impair the functions of pancreas, both exocrine and endocrine. Over the past few years, and especially at present, researchers are working on the identification of regulators of pancreatic fibrosis. Nowadays, it is accepted that pancreatic stellate cells (PSC) contribute significantly to these pathogenic processes. Moreover, interrelationship with other cell types of the pancreas, including developing cancer cells, is emerging as potential regulator of PSC pathophysiology. Therefore, the understanding of the cellular and molecular basis of cell-to-cell interconnection is of major relevance to the knowledge of pancreatic disease development and the potential discovery of a cure.

Guest Editor

Prof. Dr. Antonio Gonzalez

Institute of Molecular Pathology Biomarkers, University of Extremadura, Avenida de las Ciencias s/n, E-10003 Caceres, Spain

Deadline for manuscript submissions

closed (30 April 2022)



International Journal of Molecular Sciences

an Open Access Journal
by MDPI

Impact Factor 4.9
CiteScore 10.0
Indexed in PubMed



mdpi.com/si/67193

*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 10.0
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)* 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, and molecular biophysics. *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. José L. Quiles
Department of Physiology, Institute of Nutrition and Food Technology
"Jose Mataix", Biomedical Research Center, University of Granada,
Avda. Conocimiento s/n, 18100 Armilla, Granada, Spain

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, CAPus / SciFinder, and other databases.

Journal Rank:

JCR - Q1 (Biochemistry and Molecular Biology) / CiteScore - Q1 (Inorganic Chemistry)