

Special Issue

The Mast Cell in Breast Cancer: Friend or Foe

Message from the Guest Editor

Mast cells (MCs) are immune cells that are present in all vascularized tissues and play active roles in processes and reactions relating to allergy, inflammation, and tumor. It has been observed that MCs increase in number around tumor sites and may represent a defensive barrier against further spread. MCs have a dual role in the breast adenocarcinoma process; they can act as oncogenes and be beneficial for cancer, or they can cause harm by producing cytokines. In breast cancer, MCs secrete VEGF upon activation with triggers such as IL-1, substance P, and stem cell factor. Therefore, inhibiting the production of MC compounds that promote breast cancer growth and metastasis may represent a promising approach and new therapeutic strategy that is complementary to the traditional procedures used today. We invite potential authors to submit original research articles and comprehensive reviews on the topic "the mast cell in breast cancer" for publication in this Special Issue.

Guest Editor

Prof. Dr. Pio Conti
Postgraduate Medical School, University of Chieti, Chieti, Italy

Deadline for manuscript submissions

closed (16 June 2024)



International Journal of Molecular Sciences

an Open Access Journal
by MDPI

Impact Factor 4.9
CiteScore 9.0
Indexed in PubMed



mdpi.com/si/171171

*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)* 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 (Organic Chemistry)