

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

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Deadline for manuscript submissions

closed (16 June 2024)



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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.

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