

Special Issue

Molecular Mechanisms in Cancer Metastasis

Message from the Guest Editor

Cancer metastasis is the leading cause of death globally. Even if diagnostics in primary cancer is developed, there is an urgent need to understand whether the cancer is localized or has already spread to other organs. The progressive growth of metastases is often resistant to conventional therapies. Understanding the characteristic differences in the aspect of molecular and cellular biology between primary cancer and metastatic lesions is essential for effective cancer treatment. Metastases can be characterized not only by cancer cells but also by environmental factors including immune cells, stroma cells, secretion vesicles, and the extracellular matrix, but to identify and detect cancer diagnostic biomarkers is still challenging. The aim of this Special Issue is to investigate and/or discuss morphological and molecular dynamics in cancer metastasis. We invite authors to submit full-length original articles and review papers for cancer research in both in vitro and in vivo assay of tumor tissues to reveal the metastasis process and to evaluate therapeutic effects of anti-cancer drugs and their drug delivery toward the clinical application of the technique.

Guest Editor

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Deadline for manuscript submissions

closed (31 March 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/17206

*International Journal of
Molecular Sciences*
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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.

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