

## Special Issue

# Signal Pathways in Cancer

### Message from the Guest Editor

Cancer is the leading cause of death worldwide. Tumor microenvironment (TME) is a complex mixture comprised of cancer cells, stromal cells, immune cells, stem cells, tumor-associated fibroblasts (TAF), non-cellular components within extracellular matrix (ECM), et al., and plays a crucial role in tumorigenesis, growth, angiogenesis, invasion, metastasis and therapeutic efficacy of cancer. There are various factors affecting tumor cells in tumor microenvironment, including chemical factors, mechanical factors, biological factors and their coupling effects. Crosstalk between tumor cells and these factors is critical and contributes to tumor survival, progression, and metastasis, which involves complex signal transmission/transduction processes. Despite many efforts to elucidate crosstalk between cancer cells and tumor microenvironment, the signal pathways of these factors in cancer remain to be fully clarified.

In the special issue, we aim at high-quality review articles, original research papers based on experiments in vitro or in vivo models or technical reports on the topic related to signal pathways in cancer.

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### Guest Editor

Prof. Dr. Guanbin Song

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### Deadline for manuscript submissions

closed (28 February 2023)



## 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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### Editor-in-Chief

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