

## Special Issue

# Pharmacologic Targeting of the Tumor Microenvironment

### Message from the Guest Editor

Progress in our understanding of the complex composition of the tumor microenvironment has revealed the critical influence of stromal cells in the ability of tumors to rapidly grow and metastasize to secondary tissues. Recent research has identified novel signaling mechanisms by which tumor–stroma interactions, facilitate key mechanisms involved in tumor cell proliferation, clonogenicity, migration, adhesion, and invasion. These interactions potentially provide a new set of therapeutic liabilities to target pharmacologically, to refine clinical strategies, and ultimately to improve patient outcomes. Here, we shall discuss the ability of repurposed and novel compounds to modulate tumor–stroma interactions with a focus on the efficacy of pharmacologic agents to impede bidirectional signaling mechanisms required for tumor development and metastatic progression.

This issue of the International Journal of Molecular Sciences is open to both original research and review articles focusing on advances in preclinical evaluation of pharmacologic approaches to modulate the tumor microenvironment in order to inhibit cancer progression.

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### Guest Editor

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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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