

Special Issue

mTOR Signaling in Anti-cancer Therapy Research

Message from the Guest Editor

The mechanistic target of the rapamycin (mTOR) pathway is the main signaling cascade activated in various cancer cells, and its activation can promote carcinogenesis. The mTOR signaling pathway not only regulates gene transcription and protein synthesis to regulate cell proliferation and immune cell differentiation but also plays an important role in cancer metabolism. The mTOR pathway is potentially associated with apoptosis and autophagy and plays a key role in cancer. As a result, the mTOR signaling pathway is a popular target in anti-cancer therapy research. This Special Issue concentrates on the role of the mTOR signaling pathway in anti-cancer therapy research. The papers published here will certainly contribute to the ever-growing cancer research and provide a new insight into the anti-cancer mechanism.

Guest Editor

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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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