



## mTOR Signaling in Anti-cancer Therapy Research

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### Message from the Guest Editor

Dear Colleagues,

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.

Prof. Dr. Ji-Youn Jung

*Guest Editor*





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