

Special Issue

Mutant p53 in Cancers

Message from the Guest Editor

The importance of cancer-cell-autonomous functions of the tumor suppressor p53 (encoded by TP53) has been established in many studies. Loss or mutation of p53 in cancers can affect fundamental cellular pathways and cancer progression. Understanding the genetic and epigenetic mechanisms that control the p53 protein, as well as its complex post-translational regulation will help to design more effective therapies to target mutated p53 in cancer. This special issue will focus on original studies describing the unraveled roles of mutant p53 in cancers. Research topics may include (but are not limited to) the following:

- Restoring p53 activity in cancer;
- p53-dependent and p53-independent strategies for targeting p53 pathway functional restoration in p53-mutated cancer
- Targeting p53 mutations and/or p53 pathway;
- Combination therapies targeting p53, immune checkpoints for cancer therapy
- Role of TP53 mutations in cancer;
- Correlation of TP53 mutations with other gene mutations in cancer.

Guest Editor

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Deadline for manuscript submissions

closed (20 May 2025)



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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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