

Special Issue

Triosephosphate Isomerase: Potential Target in Cancer Treatment and Other Diseases

Message from the Guest Editor

Cancer is a leading cause of death worldwide, and the burden of cancer incidence and mortality is rapidly growing. Many drugs are currently used, but treatments can cause severe side effects. Increased glycolytic activity is characteristic of cancer cells, and triosephosphate isomerase (TPI) is essential for net ATP production in the glycolytic pathway. Cancer usually implies an over-expression of TPI, and some posttranslational events causing functional and structural alterations of TPI have also been described. Such differences represent an opportunity to develop new strategies against cancer. Mounting evidence indicates that TPI is a multitasking protein of importance in the physiopathology of several kinds of cancer. Therefore, in this special issue, we aim to provide a forum for those who study TPI as a potential target in cancer treatment. Discovering TPI's role in cancer will bring us closer to a more effective and safer treatment for these diseases.

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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