

Special Issue

New Aspects of Bioenergetics in Cancer

Message from the Guest Editor

Dysregulating cellular metabolism is one of the hallmarks of cancer, and cancer bioenergetics is a critical portion of cancer metabolism, playing an important role in ATP production, biosynthesis and redox balance in cancer cells. Cancer bioenergetics include, but are not limited to, the following topics:

- Mutational activation of metabolic enzymes in cancer;
- Epigenetic regulation of cancer biogenetics;
- Biogenetics regulated by oncogenes/tumor suppressor genes;
- Kinases/phosphatases in cancer biogenetics;
- Membrane transporters in cancer metabolism;
- New concepts in cancer bioenergetics;
- New tools to study cancer biogenetics;
- Other topics in cancer metabolism.

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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