

Special Issue

Advances in the Comprehension of the Molecular Basis of Cancer and New Therapeutic Strategies 2021

Message from the Guest Editors

Over the last two decades, a great contribution to the comprehension of cancer has been provided by the myriads of elucidated pathological molecular pathways. Many of them were and will be the basis for the design of novel drugs and the stimulation of further investigations. Furthermore, these advances in molecular biology are the platform for genetic and epigenetic studies to better understand the origin of the discovered molecular alterations and contribute to unravelling the complexity of cancer in its advanced stages. However, to date, while many of the novel drugs have entered into clinical practice, the expected therapeutic advance, has been marginal in most but a minority of patients with the common types of advanced cancer. To overcome this deadlock, in addition to focusing on single or few molecular pathways, it is urgent to look at the entire complexity of the system in its advanced stage. Therefore, this Special Issue focuses on molecular level research and provides a space for new therapeutic strategies including those based on a robust rationale and examining the entire complexity of the system.

Guest Editors

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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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