

Special Issue

Lipids as Supporting Therapy in Cancer

Message from the Guest Editors

Lipids have been studied as anticancer agents and lipid metabolism is involved in the regulation of many cancers cellular processes such as cell growth, proliferation, survival, apoptosis, inflammation, invasion and drug resistance. Moreover, since lipids metabolism is modulated by multiple signaling pathways and give rise to different bioactive lipid molecules such as fatty acid, eicosanoids, diacylglycerol and many others, lipids metabolism and its derivatives has been subject of intense studies for understanding the underlying mechanisms involved in cancer process regulation. Our issue is dedicated to the improvement of the lipids molecular and metabolic interaction events that contribute to reducing carcinogenesis and the identification of novel lipid-regulating pathways able to interfere with carcinogenesis. Our Special Issue aims to publish papers dealing with the molecular basis of lipids interaction with oncogene and tumor suppressor expression, role in cell cycle and cell death regulation, and all molecular pathways involved in anti-cancer approaches.

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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