



## Lipids as Supporting Therapy in Cancer

Guest Editors:

**Prof. Dr. Massimo Nabissi**

1. School of Pharmacy, University  
of Camerino, 62032 Camerino,  
Italy

2. Integrative Therapy Discovery  
Lab, School of Pharmacy,  
University of Camerino, 62032  
Camerino, Italy

**Dr. Oliviero Marinelli**

Immunopathology Laboratory,  
School of Pharmacy, University of  
Camerino, 62032 Camerino, Italy

Deadline for manuscript  
submissions:

**closed (31 August 2022)**

### 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.





an Open Access Journal by MDPI

## Editor-in-Chief

### Prof. Dr. Maurizio Battino

Department of  
Odontostomatologic and  
Specialized Clinical Sciences,  
Sez-Biochimica, Faculty of  
Medicine, Università Politecnica  
delle Marche, Via Ranieri 65,  
60100 Ancona, Italy

## 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.

## Author Benefits

**Open Access:** free for readers, with article processing charges (APC) paid by authors or their institutions.

**High Visibility:** indexed within Scopus, SCIE (Web of Science), PubMed, PMC, MEDLINE, Embase, CAPlus / SciFinder, and other databases.

**Journal Rank:** JCR - Q1 (*Biochemistry & Molecular Biology*) / CiteScore - Q1 (*Inorganic Chemistry*)

## Contact Us

*International Journal of Molecular  
Sciences* Editorial Office  
MDPI, St. Alban-Anlage 66  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
www.mdpi.com

mdpi.com/journal/ijms  
ijms@mdpi.com  
X@IJMS\_MDPI