



## The Emerging Role of Kinase Inhibitors in Cancer

Guest Editors:

**Dr. Giovanna Casili**

Department of Chemical,  
Biological, Pharmaceutical and  
Environmental Sciences,  
University of Messina, Viale  
Ferdinando Stagno D'Alcontres,  
31-98166 Messina, Italy

**Dr. Irene Paterniti**

Dipartimento di Medicina Clinica  
e Sperimentale, Università degli  
Studi di Messina, Messina, Italy

Deadline for manuscript  
submissions:

**closed (31 March 2023)**

### Message from the Guest Editors

Dear Colleagues,

In the last decade, protein kinase inhibitors have gained great attention in applications relating to the management of various diseases, including cancer. Despite relevant progress made in conventional treatments for cancer therapy, novel therapeutic strategies are needed. Protein kinase inhibitors represent an alternative and safer therapeutic approach for cancer treatment, as they are directed against tumor-specific molecules and signaling pathways; therefore, they should be more selective in their effects than chemotherapy and better tolerated. Thus, this Special Issue will aim to study the role of kinase inhibitors in cancer in depth, highlighting their possible use as therapeutic treatments for cancer.

Dr. Giovanna Casili

Dr. Irene Paterniti

*Guest Editors*





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 and Molecular Biology) / CiteScore - Q1 (Inorganic Chemistry)

## Contact Us

---

*International Journal of Molecular  
Sciences* Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland

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

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