# **Special Issue**

# Cutting-Edge Advances in New Anticancer Agents: Design, Synthesis and Application

# Message from the Guest Editor

I am pleased to invite you to contribute to this Special Issue in IJMS, which aims to present cutting-edge research on the development of innovative anticancer therapies. The pursuit of novel drug designs and enhancements to existing therapies continues to be a primary focus of cancer research. Additionally, understanding the mechanisms underlying cancer chemoresistance and identifying biomarkers that can predict patient responses remain essential for improving therapeutic outcomes.

This Special Issue seeks to highlight recent progress in anticancer treatment, with a special focus on strategies for addressing hard-to-treat cancers, including but not limited to triple-negative breast cancer, lung cancer, pancreatic cancer, and glioblastoma. Studies investigating the efficacy of anticancer agents and efforts to overcome chemoresistance in preclinical models are also encouraged.

#### **Guest Editor**

Dr. Mahendiran Dharmasivam

Centre for Cancer Cell Biology and Drug Discovery, Griffith Institute of Drug Discovery, Griffith University, Nathan, Brisbane 4111, Australia

### Deadline for manuscript submissions

20 November 2025



# International Journal of Molecular Sciences

an Open Access Journal by MDPI

Impact Factor 4.9 CiteScore 9.0 Indexed in PubMed



mdpi.com/si/221462

International Journal of Molecular Sciences Editorial Office MDPI, Grosspeteranlage 5 4052 Basel, Switzerland Tel: +41 61 683 77 34 ijms@mdpi.com

mdpi.com/journal/ ijms





# International Journal of Molecular Sciences

an Open Access Journal by MDPI

Impact Factor 4.9 CiteScore 9.0 Indexed in PubMed





# 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.

## **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

## **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 (Organic Chemistry)

