





an Open Access Journal by MDPI

## **Tumor-Immune Interactions**

Guest Editor:

## Dr. Peter J. K. Kuppen

Department of Surgery, Leiden University Medical Center, 2333 ZA Leiden, The Netherlands

Deadline for manuscript submissions:

closed (31 May 2024)

# Message from the Guest Editor

Dear Colleagues,

At present, there is no doubt that intervening in tumor immune interactions is among the most effective approaches for treating cancer. Key immune checkpoints, such as CTLA4/B7 and PD-1/PDL1, have been identified as targets, leading to immune system activation and tumor regression. The inherent complexity of the immune system is essential for its function, enabling it to combat a wide range of infections and abnormal cells. This versatility is made possible by numerous molecular interactions forming the foundation of immune functioning, involving various cell types and molecular pathways.

The challenge for the scientific community lies in unraveling the molecular interactions central to tumorimmune dynamics. This exploration will unveil new targets to augment the existing repertoire of immune checkpoints, providing additional avenues for effective cancer therapies.

Authors are encouraged to submit papers spanning basic research to preclinical studies on tumor-immune interactions, encompassing innovative therapeutic approaches, with a particular emphasis on molecular aspects.













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**