



Immunogenic Cell Death, Immunogenic Surrender and Antitumor Immunity

Guest Editors:

Dr. Yong Teng

Department of Hematology and
Medical Oncology, Winship
Cancer Institute, Emory
University School of Medicine,
Atlanta, GA 30322, USA

Dr. Zhi-Chun Ding

Georgia Cancer Center, Medical
College of Georgia, Augusta
University, Augusta, GA 30912,
USA

Deadline for manuscript
submissions:

closed (10 July 2023)

Message from the Guest Editors

Immunogenic cell death (ICD) and immunogenic surrender (IS) play vital roles in reversing dysfunctional antitumor immunity. It is argued that ICD and IS are two related but distinct immune surveillance mechanisms. ICD senses cell death associated with the exposure and release of numerous DAMPs, favoring the recruitment and maturation of antigen-presenting cells to activate tumor-antigen-specific T cells. Meanwhile, IS senses the abnormal growth of cells, which is initiated by BoxA-mediated internalization of CD47 and the inhibition of tumor-cell proliferation. Growing evidence has unraveled many novel modalities with the ability to induce ICD and IS. With the advent of new information, technologies, and methodologies, it is time to delineate the significance and enigmatic mechanisms relevant to the ICD and/or IS in response to chemotherapy, radiotherapy, and targeted anticancer agents. This Special Issue is being initiated to increase our understanding of concepts and molecular mechanisms relevant to the antitumor effects of ICD and IS, and possibly to identify optimal therapeutic combinations for clinical cancer management.





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