

Special Issue

Immunogenic Cell Death, Immunogenic Surrender and Antitumor Immunity

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.

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)



International Journal of Molecular Sciences

an Open Access Journal
by MDPI

Impact Factor 4.9
CiteScore 9.0
Indexed in PubMed



mdpi.com/si/108745

*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](https://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



[mdpi.com/journal/
ijms](https://mdpi.com/journal/ijms)



About the Journal

Message from the Editor-in-Chief

The *International Journal of Molecular Sciences (IJMS)* 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, and molecular biophysics. *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. José L. Quiles
Department of Physiology, Institute of Nutrition and Food Technology
"Jose Mataix", Biomedical Research Center, University of Granada,
Avda. Conocimiento s/n, 18100 Armilla, Granada, Spain

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, CAPus / SciFinder, and other databases.

Journal Rank:

JCR - Q1 (Biochemistry and Molecular Biology) / CiteScore - Q1 (Organic Chemistry)