Special Issue

Advances in Ovarian Cancer Metastasis and Chemotherapy Resistance

Message from the Guest Editors

Current clinical practice for ovarian cancer treatment comprises debulking surgery and combined platinum-taxane-based chemotherapy. Although initial responses to this standard first-line treatment are high, over 75% of patients relapse and develop chemotherapy resistance, which is the primary cause of death in ovarian cancer. There is a crucial need for novel treatment strategies that are effective in advanced-stage and chemotherapy-resistant disease to significantly improve overall survival. This Special Issue aims to generate a discussion around current research trying to understand the mechanisms of ovarian cancer metastasis and chemotherapy resistance. We encourage and invite ovarian cancer researchers to contribute original research or review articles.

Guest Editors

Dr. Carmela Ricciardelli

Adelaide Medical School, Robinson Research Institute, University of Adelaide, Adelaide, SA 5005, Australia

Dr. Noor A. Lokman

Adelaide Medical School, Robinson Research Institute, University of Adelaide, Adelaide, SA 5000, Australia

Deadline for manuscript submissions

31 December 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/232701

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)

