Special Issue

Molecular Studies in Gynecological Oncology: Advancing Diagnosis and Treatment

Message from the Guest Editor

The molecular characterization of gynecological cancers, including ovarian, uterine, cervical, vaginal, and vulvar cancer, has advanced rapidly and has remarkably influenced clinical and translational research. The analysis of molecular parameters and genomic alterations has improved therapeutic approaches to surgical and medical treatment for gynecological malignant diseases. Our aim in launching this Special Issue is to expand our current understanding of cancer initiation and progression and to collect the latest discoveries toward molecular guided diagnosis, treatment, and monitoring, including potential prognostic or predictive biomarkers for therapy response or resistance, emerging targeted therapeutics, and novel technical developments in molecular gyneco-oncology. Authors are invited to submit original research and review articles revealing new knowledge concerning molecular features of gynecologic oncology, which may contribute to improving diagnostic options and treatment choices.

Guest Editor

Dr. Ivonne Nel

Department of Gynecology, Medical Center, University of Leipzig, Leipzig, Germany

Deadline for manuscript submissions

30 September 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/238573

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)

