

Special Issue

Advances in Molecular Biology of Ovarian Cancer

Message from the Guest Editors

Human ovarian cancer is one of the deadliest types of cancer in women. Although patients initially respond well to surgery and chemotherapy, tumor recurrences often combine with metastasis and chemoresistance. In the fight against this type of tumor, the identification of the molecular mechanisms and early biomarkers responsible for cancer initiation, development, and progression is of primary importance. Several molecular pathways and mutations are involved in ovarian cancer pathogenesis, alongside ovarian cancer stem cells and the tumor microenvironment, which are key factors in ovarian cancer initiation and relapses and strongly influence therapeutic efficacy. Together, these aspects could represent possible targets for the development of novel combined anti-cancer therapies. In this Special Issue, original research articles and reviews are welcome on areas that may include (but are not limited to) the role of signaling pathways, cancer metabolism, tumor microenvironment components, and novel therapeutic combinations in human ovarian carcinoma. We look forward to receiving your contributions.

Guest Editors

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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.

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