

Special Issue

Molecular Pathology and Treatment of Ovarian Cancer

Message from the Guest Editor

Ovarian cancer represents the most aggressive and lethal form, often resistant to chemotherapy drugs, mainly because it is diagnosed at an advanced stage. Standard gynecological check-ups are not useful for the early identification of ovarian cancer. The search for blood biological markers for early diagnosis has not yet yielded appreciable results. Furthermore, ovarian cancers are characterized by a great variability of genetic mutations, which makes it difficult to identify the most effective targets for a targeted therapy. However, several innovative therapies have recently been developed and tested, including new combinations of chemotherapeutics, new times and methods of administration, and not least the immunotherapy approach. The difficulty in identifying effective early detection and screening tools and innovative therapeutic approaches to reduce ovarian cancer-related mortality suggests the topic of this Special Issue. Thus, studies and research that are actually focusing on: (i) the identification of new biomarkers that can be used in a possible screening; (ii) early diagnosis techniques; and (iii) new therapeutic approaches are welcome.

Guest Editor

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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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