

## Special Issue

# Molecular Signatures of Gynecological Cancers - Breast Cancer, Ovarian Cancer and Endometrial Cancer

### Message from the Guest Editor

Gynecological cancers, including breast cancer, are the most frequently diagnosed types of cancer in women. Despite the progress achieved, mortality remains rather high, especially for triple-negative breast cancer (TNBC) and high-grade ovarian carcinoma. Molecular genetic studies have shown a high heterogeneity of gynecological cancers, which indicates different pathogenetic mechanisms. Investigation of underlying biological mechanisms will help to identify new targets for treatment and prognosis. Chemotherapy with cytotoxic agents or targeted therapy to the estrogen receptor and HER2 plays a major role in the systemic therapy of breast cancer. However, poor prognosis in TNBC and drug resistance presents major limitations which are also current challenges for breast cancer. Gynecological cancers such as ovarian, cervical, and endometrial ones also require further investigation. This Special issue aims at expanding the current knowledge on molecular-genetic mechanisms of gynecological cancers. Experimental in vitro, in vivo, and in silico models in this area are welcome for consideration.

### Guest Editor

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### Deadline for manuscript submissions

closed (30 June 2022)



## International Journal of Molecular Sciences

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Impact Factor 4.9  
CiteScore 9.0  
Indexed in PubMed



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*International Journal of  
Molecular Sciences*  
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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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### Editor-in-Chief

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