

Special Issue

Ovarian Cancer: Prevention and Treatment

Message from the Guest Editors

Ovarian cancer is composed of three histological subtypes: epithelial (90%), germ cell (5%), and sex cord stromal cell (5%). Epithelial ovarian cancer (EOC) is deadly, claiming more women than all other gynecological malignancies combined, due to lack of effective early detection strategies. The majority of newly diagnosed EOC patients are treated with radical surgery, followed by adjuvant platinum-based chemotherapy. Most patients experience disease relapse within the first 5 years, despite aggressive treatment at diagnosis. The forthcoming special issue focuses on several key elements that are essential for an understanding of this heterogeneous group of malignancies. The manuscripts should be focused but are not only limited to:

- Risk factors for ovarian cancer
- EOC risk assessment in the era of next-generation sequencing
- PARP inhibitors in EOC
- PARP inhibitors in combination with other therapies
- Immunotherapy in EOC
- Endometriosis-associated EOC
- Diagnosis and treatment of non-epithelial ovarian cancers

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Addressing the environmental and public health challenges requires engagement and collaboration among clinicians and public health researchers. Scientific discoveries and advances in this research field play a critical role in providing a rational basis for informed decision-making toward control and prevention of human diseases, especially the illnesses that are induced from environmental exposure to health hazards.

IJERPH provides a forum for discussion of discoveries and knowledge in these multidisciplinary fields. Please consider publishing your research in this high quality peer-reviewed journal.

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