



## Ovarian Cancer: From Mechanisms to Novel Target Therapies

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### Message from the Guest Editor

Epithelial ovarian cancer (EOC) is the leading cause of gynecologic malignancy-related deaths worldwide. Despite advances in multidisciplinary treatment, the overall mortality has remained steady over the past thirty years. Most EOC patients are diagnosed at an advanced stage, and they eventually develop chemo-resistant relapsed disease despite surgery and combination chemotherapy. To date, the mechanism underlying chemo-resistance in ovarian cancer remains unclear. In addition, ovarian cancer falls under a heterogeneous group of malignancies that arise from various cell types, and the genetic mechanisms involved in chemo-resistance should be complex and differentially defined among different subtypes of ovarian cancer. Thus, to develop novel therapeutic strategies, it is crucial to define reliable predictive biomarkers for different subtypes and therapeutic resistance.





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