



## Molecular Mechanisms of Ovarian Cancer Development and Metastasis

Guest Editors:

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Deadline for manuscript  
submissions:

**closed (30 September 2019)**

### Message from the Guest Editors

Dear Colleagues,

Ovarian cancer is the most lethal gynecological malignancy in the world due to the lack of early detection tools and effective therapeutic intervention. Recent research that elucidates the tumor biology and molecular pathways that mediate cancer progression and drug resistance has led to the development of various molecular targeted therapies involving monoclonal antibodies, small molecule receptor tyrosine kinase inhibitors and agents blocking downstream signaling pathways in ovarian cancer. Recent studies have identified that each histotype of ovarian cancer shows different molecular mechanisms of carcinogenesis. In light of this, this Special issue will focus on how genomics, epigenomics and proteomics are altered in cancer progression. We invite you to contribute original articles that describe the carcinogenesis, tumor microenvironment, in vitro/vivo models, and targeted therapies. Review articles describing recent topics including precision oncology using panel sequencing, tumor heterogeneity, cancer metabolism, or immunotherapy in ovarian cancer are also welcome.

Prof. Kentaro Nakayama

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*Guest Editors*





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## Message from the Editor-in-Chief

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