

Special Issue

Endometriosis and Endometriosis-Associated Cancer: Molecular Pathologies, Diagnosis and Therapeutic Strategies

Message from the Guest Editors

The pathogenesis of endometriosis is not completely understood, but a lot of evidence suggests that it is a multifactorial disease involving genetic, environmental, and immunological factors. Recent studies suggest the involvement of molecular mechanisms, including aberrant gene expression, the dysregulation of cell proliferation and apoptosis, altered immune response, and aberrant angiogenesis; however, the diagnostic and therapeutic implications of these possible mechanisms are not yet clear. Previous studies have demonstrated an association between endometriosis and various types of cancers. Although endometriosis is not malignant, it shares similar features with cancer. Due to the non-specific symptoms, shared markers, and imaging resemblance of both conditions, it is difficult to diagnose endometriosis-associated cancers. The Special Issue “Endometriosis and Endometriosis-Associated Cancer: Molecular Pathologies, Diagnosis and Therapeutic Strategies”, aims to provide a platform for the latest research and review articles covering molecular and biological studies of the factors associated with endometriosis in general and with endometriosis-associated cancers.

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