

Special Issue

Genetic, Epigenetic, and Signaling Pathways in the Ovarian and Uterine Pathogenesis

Message from the Guest Editors

Ovary and uterus diseases affect women's life with significant morbidity and represent significant societal health and financial burden. The etiologies are complex and generally not fully understood. Therefore, better characterization and understanding of the cellular and molecular events driving these disorders are critical to preventing and treating the diseases. The emerging therapeutic agents targeting aberrant genomes, epigenome, and biological pathways provide significant clinical potential. Therefore, a deep dive into the mechanism underlying the pathogenesis of ovarian and uterine diseases is needed to identify new potential target genes and pathways to enhance our understanding and improve the development of therapeutic agents for reproductive diseases. This Special Issue aims to provide an overview of the current developments in ovarian and uterine diseases. We welcome submissions of original research and review articles that relate to understanding the genome, epigenome, and pathways in ovarian and uterine disorders. Submissions of topics in the field of basic and translational research, diagnostic, and treatment applications are also welcomed.

Guest Editors

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A major strength of biological science is the diversity of approaches that biological scientists apply to their research problems. *Biology* reflects this diversity and brings together studies employing the varied experimental and theoretical approaches that are fueling biological discovery. *Biology*, the journal, is a fully peer-reviewed publication with a rapid and economical route to open access publication and is listed on PubMed. All articles are peer-reviewed and the editorial focus is on determining that the work is scientifically sound rather than trying to predict its future impact.

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