

Special Issue

Ovarian Reserve Disorders: Molecular Mechanisms and Regulation

Message from the Guest Editor

Ovarian reserve is a term used to reflect the total number of the remaining primordial follicles, which determine woman's fertility potential and reproductive life span. Since its emergence in the late 1980s, the concept of ovarian reserve has continued to gain more significance as reflected by the exponentially growing number of publications. Ovarian reserve disorders such as Diminished Ovarian Reserve (DOR) and Premature Ovarian Insufficiency (POI) are common and represent a real dilemma in young women. They are often associated with reduced fecundity and significant long-term health risks. Currently, there is no treatment for ovarian reserve disorders owing to the lack of full understanding of the underlying mechanisms. Therefore there is a need for more research into the molecular mechanisms and regulations of ovarian reserve and its disorders. This Special Issue aims to rapidly publish contributions on all aspects of molecular, cellular, biochemical, and genetic research into ovarian reserve. We encourage the submission of manuscripts that provide novel and mechanistic insights and papers that report significant advances in the fields.

Guest Editor

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Message from the Editor-in-Chief

The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

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