

## 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.

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### Guest Editor

Prof. Dr. Saad Amer

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### Deadline for manuscript submissions

closed (31 August 2023)



## International Journal of Molecular Sciences

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Impact Factor 4.9  
CiteScore 9.0  
Indexed in PubMed



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*International Journal of  
Molecular Sciences*  
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### Message from the Editor-in-Chief

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