

## Special Issue

# Advanced Research on Reproductive System Disease 2022

### Message from the Guest Editor

A growing literature focused on the molecular mechanisms underlined to the reproductive system disorders, and different approaches have been developed to identify new early biomarkers disease, as well as news promising therapeutic targets. Recently it has been demonstrated that male and female gonadal cancers can be distinct not only in terms of histology but also in genomics, epigenomics and transcriptomics. And epigenetic changes are also an important component of gametogenesis and related reproductive system diseases, including cancers. This innovative approach is crucial to developing new drugs to overcome the chemoresistance. In addition, understanding the role of post-transcriptional gene regulation in reproduction will help to clarify the causes of reproductive failure, providing methods and targets for the treatment of infertility. Finally, some natural products may be applied as new potential adjuvant therapeutic tool.

This Special Issue focuses on the Reproductive System Disease research field and welcomes papers that deal with the molecular mechanisms underlying the gonadal and sexual dysfunction and new advanced diagnostic and therapeutic approaches.

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### Guest Editor

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### Deadline for manuscript submissions

closed (20 December 2022)



## International Journal of Molecular Sciences

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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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