

Special Issue

Female and Male Fertility: From Diseases to Current Trends and Research Developments

Message from the Guest Editor

Infertility affects millions worldwide and is a growing health concern with complex biological, clinical, and psychosocial dimensions. This Special Issue, *Female and Male Fertility: From Diseases to Current Trends and Research Developments*, offers a platform to explore molecular, genetic, epigenetic, and systemic factors underlying infertility. We welcome studies on inflammation, oxidative stress, lifestyle, and environmental exposures, including links to gynecological diseases such as endometriosis. Focus areas include innovative diagnostic biomarkers, novel therapies, and advances in assisted reproductive technologies (ART) bridging basic science and clinical practice. Research on age-related fertility decline, idiopathic infertility, and gender-specific susceptibilities is encouraged. By integrating multidisciplinary perspectives, this issue aims to deepen understanding of fertility-related pathways and inspire translational strategies to improve reproductive outcomes. We warmly invite researchers and clinicians to contribute and advance reproductive science.

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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