

Special Issue

New Advances in Reproductive Immunology and Pathology

Message from the Guest Editor

Reproductive immunology is a rapidly evolving field that explores the complex interactions between the immune system and reproductive processes. From conception to implantation, placental development, and parturition, immune mechanisms play a crucial role in ensuring successful reproduction. However, disruptions in immunological tolerance and regulation can lead to a spectrum of reproductive pathologies, including infertility, recurrent pregnancy loss, preeclampsia, endometriosis, and autoimmune-mediated pregnancy complications. This Special Issue aims to provide a comprehensive overview of current advances in reproductive immunology and their implications for understanding and managing reproductive disorders. We welcome the submission of original research articles, reviews, and short communications that explore immune cell populations in the reproductive tract, cytokine networks, maternal–fetal tolerance, immunogenetics, and the impact of systemic inflammation or infections on fertility and pregnancy outcomes. We also welcome the submission of articles that employ molecular, cellular, clinical, or translational approaches.

Guest Editor

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Message from the Editor-in-Chief

The *International Journal of Molecular Sciences (IJMS)* 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, and molecular biophysics. *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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