

Special Issue

Microbiome and Immunology in Gynecological Diseases

Message from the Guest Editor

The research featured in this Special Issue offers invaluable insights into the physiological functions, pathogenesis, and pathophysiology relevant to gynecological health and disease. We are particularly focused on the role the human microbiome and immune system play in women's health. Examples of topics of interest include the impact of the female reproductive microbiome on female reproductive function; infertility and gynecological cancers; as well as microbial infections and immune tolerance during pregnancy. Some immune cells in the maternal immune system, such as uterine natural killer cells (uNK), killer immunoglobulin-like receptors (KIR) and human leukocyte antigens (HLA), are also of interest.

The International Journal of Molecular Sciences provides a platform for scientists to disseminate their high-quality scientific findings in this emerging field of the intricate connections between the microbiome, immune system, and various gynecological entities.

By advancing scientific knowledge, this Special Issue contributes to the investigation of pathways, accurate diagnosis, and development of novel therapeutic approaches to promote gynecological health.

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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