Special Issue

The Role of the Vaginal Microbiome in Women's Health

Message from the Guest Editor

The vagina is a remarkably intricate microenvironment, encompassing cervical and vestibular secretions, cellular desquamation, transudate, and a dynamic, diverse microbial population. This microbiome is profoundly influenced by various factors, including age, diet, physical activity, and the use of contraceptive methods, as well as numerous other endogenous and exogenous elements.

Groundbreaking research from the early 2000s underscored the critical role of the vaginal microbiome in women's health. It significantly impacts the risk of sexually transmitted infections, infertility, and unfavorable obstetric outcomes such as miscarriage, premature delivery, and premature rupture of membranes. Moreover, emerging evidence suggests a concerning association between the vaginal microbiome and certain cancers, especially cervical cancer.

This Special Issue aims to publish impactful articles that present cutting-edge findings and developments, serving as essential references for clinical practice and paving the way for innovative research. Together, we can advance our understanding of this critical topic and improve women's health outcomes.

Guest Editor

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Message from the Editor-in-Chief

"Microorganism" merges the idea of the very small with the idea of the evolving reproducing organism is a unifying principle for the discipline of microbiology. Our journal recognizes the broadly diverse yet connected nature of microorganisms and provides an advanced publishing forum for original articles from scientists involved in high-quality basic and applied research on any prokaryotic or eukaryotic microorganism, and for research on the ecology, genomics and evolution of microbial communities as well as that exploring cultured microorganisms in the laboratory.

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