

Special Issue

Microbiota in the Reproductive Tract

Message from the Guest Editor

Pathogenic bacteria that cause reproductive diseases have been in the focus of research in recent decades. Commensal bacteria have become of particular interest to improve the optimal uterine health status for reproductive success. High fluctuations within uterine commensal bacterial composition during the first weeks after delivery have been observed, indicating an influence on reproductive events. Not only the presence of single bacterial species but also multi-facial interactions between non-pathogenic microbiota, host, and pathogens determine the progression of reproductive diseases. The response of the innate immune system to invading bacteria appears to be critical for the prevention of reproductive diseases and the preparation of the reproductive tract to establish a new pregnancy. Thus, the beneficial effects of the microbiome, the importance of balance, the role of host factors, and the development of preventive and therapeutic strategies to maintain the balance of the microbiota in the reproductive tract constitute the essential framework of this Special Issue. It is our pleasure to invite you to contribute to this Special Issue.

Guest Editor

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Deadline for manuscript submissions

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Message from the Editor-in-Chief

The worldwide impact of infectious disease is incalculable. The consequences for human health in terms of morbidity and mortality are obvious and vast but, when infections of animals and plants are also taken into account, it is hard to imagine any other disease that has such a significant impact on our lives—on healthcare systems, on agriculture and on world economics.

Pathogens is proud to continue to serve the international community by publishing high quality studies that further our understanding of infection and have meaningful consequences for disease intervention.

Editor-in-Chief

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