



CerviCo-Vaginal Dysbiosis as Risk Factor for Sexually Transmitted Diseases: Insights from Molecular Researches

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Message from the Guest Editor

Dear Colleagues,

In healthy women, the genital microbiota is typically dominated by several *Lactobacillus* species, conferring protection against infections through several mechanisms, such as competitive exclusion and the production of hydrogen peroxide and bacteriocins. By contrast, the depletion of lactobacilli and the overgrowth of a wide array of strict and facultative anaerobes—including *Gardnerella vaginalis*, *Atopobium vaginae* and *Prevotella* spp.—leads to a condition called dysbiosis that has been associated with an increased risk of sexually transmitted infections, such as *Chlamydia trachomatis*, *Neisseria gonorrhoeae*, HPV, HIV, etc.

This Special Issue aims to gather the most recent evidence on either genital dysbiosis as a risk factor for sexually transmitted infections or the protective activity of a lactobacillus-dominated microbiota. Studies on microbe-associated molecular patterns will also be considered. Overall, this will provide a more comprehensive picture of the multifaceted role of the cervico-vaginal microenvironment regarding infectious agents.

Prof. Rosa Sessa
Guest Editor





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Message from the Editor-in-Chief

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