

Metagenomics, Urinary Microbiome, and Chronic Prostatitis

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Abstract : Directly or indirectly, the human microbiome, or the population of bacteria and other microorganisms living in the human body, has been linked with human health. Various research has examined the connection with both illness status and the composition of the human microbiome, even though current studies indicate that the gut microbiome influences the mucosa and immune system. A significant amount of effort is being put into understanding the human microbiome's natural history in terms of health outcomes while also expanding our comprehension of the molecular connections between the microbiome and the host. To maintain health and avoid disease, these efforts ultimately seek to find efficient methods for recovering human microbial communities. This review article describes how the human microbiome leads to chronic diseases and discusses evidence for an important significant disorder that is related to the microbiome and linked to prostate cancer: chronic prostatitis (CP).

Keywords : urobiome, chronic prostatitis, metagenomic, urinary microbiome

Conference Title : ICBHCPCD 2022 : International Conference on Building Healthy Communities and Preventing Chronic Disease

Conference Location : New York, United States

Conference Dates : December 09-10, 2022