

Medicinal Plants with Possible Anti- HIV Activities: A Review

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Abstract: *HIV is a virus that is widely transmitted along with the rise in viral infections. The majority of deaths worldwide are caused by this virus. Numerous treatments for this illness have been developed by scientists, but the outcomes are still uncertain. One of the responsible agents that authorized treatments can impact is the HIV-1 virus. One of the main ways to contract HIV and other STIs is through sexual contact. One promising preventative method that has been suggested is the use of microbicides. These microbicides can be administered directly to the vaginal or rectal surface and come in a variety of forms, including creams, gels, lubricants, and even tablets. The availability of a viable microbicide candidate would significantly increase women's power. (guys engaging in homosexual behavior) to shield themselves and their partners from HIV infection and other STIs. The availability of a microbicide will be crucial in situations involving several sexual partners. A perfect Microbicides should be used hours before intercourse, safeguard the natural vaginal micro-ecological system, avoid producing pro-inflammatory cytokines, and maintain the natural morphology of the female reproductive canal (without causing lesions or abnormalities in the epithelial layer). This review article will address medicinal plants that have been shown to have antiviral properties against HIV infection and lower the burden of sexually transmitted diseases in affected individuals.*

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