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Dental Biofilm Composition in Situ and Enamel Demineralization Affected by Psidium Cattleianum Leaf Extract

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Abstract

Dental caries develops when sugar-fermenting dental biofilms are actively active, but the most effective methods for controlling it only target mineral loss. Decreased salivary stream rates (hyposalivation) essentially worsen caries movement by diminishing sugar and corrosive leeway close to tooth surfaces. Keeping the health of the dental biofilm symbiosis (health) under hyposalivation necessitates knowing how acid inhibition affects specific dietary regimens.

Psidium cattleianum leaf extract has not previously been evaluated under conditions that were comparable to the oral environment.

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