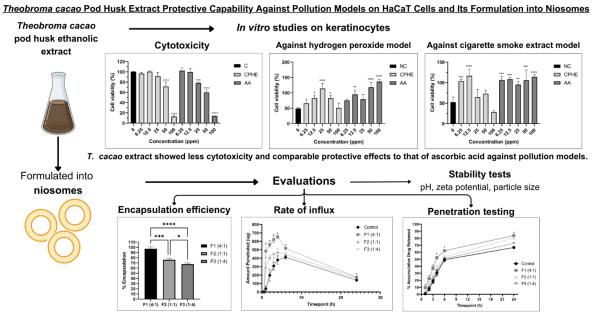


## **GRAPHICAL ABSTRACT**

Potential Utilisation of *Theobroma cacao* Pod Husk Extract: Protective Capability Evaluation Against Pollution Models and Formulation into Niosomes

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Niosomes encapsulated extract, enhanced penetration, exhibits good physicochemical and stability properties.