

Review Form 1.6

Journal Name:	Journal of Pharmaceutical Research International
Manuscript Number:	Ms_JPRI_92057
Title of the Manuscript:	In silico screening of potential compounds from Medicinal plants by targeting Streptococcus mutans deoxycytidylate deaminase
Type of the Article	Original Research Article

General guideline for Peer Review process:

This journal's peer review policy states that **NO** manuscript should be rejected only on the basis of '**lack of Novelty**', provided the manuscript is scientifically robust and technically sound. To know the complete guideline for Peer Review process, reviewers are requested to visit this link:

(<https://www.journalpri.com/index.php/JPRI/editorial-policy>)

PART 1: Review Comments

	Reviewer's comment	Author's comment (if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
Compulsory REVISION comments		
Minor REVISION comments		
Optional/General comments	<ol style="list-style-type: none">1. It is appreciable that the research study has been designed to explore medicinal plants (in silico) to address one of the important pathologies in dental sciences – Drug resistant Streptococcus mutans.2. Introduction part has been prepared with enough background literature to support the objective of the research.3. Sufficient online tools were employed to identify the phytochemicals (871) for in silico studies.4. Swiss ADME web tool has been employed in analysis of molecular properties and subjecting screened phytochemicals to different rules for its drug like nature were appropriate and relevant.5. PyRx software - AutoDock Vina used for molecular docking, and LigPlot+ v.1.4.5 used to visualize the protein – ligand interactions generated sufficient results.6. The discussion part has been interpreted in the light of current knowledge.7. The two potential phytochemicals - Cyclocurcumin, and Androsta-1,4,6-triene-3,17-dione may be explored for wet lab analysis for future studies.	

PART 2:

	Reviewer's comment	Author's comment (if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
Are there ethical issues in this manuscript?	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

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