

Review Form 1.6

Journal Name:	Asian Journal of Applied Chemistry Research
Manuscript Number:	Ms_AJACR_94820
Title of the Manuscript:	ANTICANCER POTENTIAL OF RHYCHOSIA BEDDOMEI: AN IN VITRO AND IN SILICO STUDY
Type of the Article	Original Research Article

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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:

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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	<p>Abstract</p> <p>1. In the abstract section of the manuscript its not reflect which assay authors used for invitro anticancer activity, mentioned in the abstract section.</p> <p>Materials and Methods</p> <p>In the subsection 2.3 Preliminary Phytochemical Screening authors did not cite any reference. Cite the below mentioned reference https://www.sciencedirect.com/science/article/pii/S0975947617302899</p> <p>In the section 2.8 authors did not mentioned which tool (software) they have used for molecular docking also cite the below mentioned reference (DOI) in the section .8 procedure.</p> <p>Authors mentioned that they have extracted their drug with methanol. Why only one solvent or directly with methanol because as per the extraction procure extract should be done with the solvents of increasing polarity order. And after the plant powder materials should be defatted with Petroleum ether then extract with solvents in increasing polarity order. Authors needs to justify it and provide the suitable reason why they have directly extracted with methanol.</p> <p>In the result section below the table Table 1 Preliminary Phytochemical analysis, authors need to be mentioned the meaning of +, -, ++.</p> <p>In the MTT assay on which basis hey have selected the concentration of Methanolic extract of <i>Rhynchosia beddomei</i></p> <p>In the Table 4: Molecular docking studies of isolated compounds against Topoisomerase-2 and CDK-2</p> <p>Authors mentioned the docking score of phytocompounds. But they did not identified any compounds in this work the on which basis they have finalize these compounds. If they performed any characterisation study (LCMS/ GCMS) then why they have not included in the work.</p>	
Minor REVISION comments		
Optional/General comments	English editing needed and lot of grammatical mistakes in the manuscript.	

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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