

## Review Form 1.6

Journal Name:	<a href="#">Asian Journal of Research in Medical and Pharmaceutical Sciences</a>
Manuscript Number:	Ms_AJRIMPS_84357
Title of the Manuscript:	FORMULATION AND CHARACTERIZATION OF RUTIN LOADED CHITOSAN NANOPARTICLES
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.journalajrimps.com/index.php/AJRIMPS/editorial-policy> )

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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)
<b>Compulsory</b> REVISION comments	<ol style="list-style-type: none"><li>1. The complete research work is highly appreciable and impressive. Article provides a good and generalized background of aim of the work. This paper is properly organized and I suggest that the current paper shall be accepted for publication.</li></ol>	Thank you for the comments
<b>Minor</b> REVISION comments	<ol style="list-style-type: none"><li>1. Explain the possible mechanism of rutin loaded chitosan nanoparticles drug loaded and release process in detail.</li><li>2. SEM and ZETA potential images are not clear, replace the images.</li><li>3. Rutin used in the process are chemically synthesised one or natural origin? If it is what is the cost effect of this work</li><li>4. Add some recent articles for reference.</li></ol>	All the necessary corrections are incorporated in to the manuscript. Rutin used in this process is obtained from the market
<b>Optional/General</b> comments	<p>Finally, it is recommended to use the following references in your paper and refer to them:</p> <ol style="list-style-type: none"><li>1. G. Dayana Jeyaleela, N. Balasubramani and J. Rosaline Vimala, Isolation and Characterization of Antioxidant (Flavone-3- Rutinoside, 3,3',4',5,7-Pentahydroxy) from Leaves of Melia dubia, Asian Journal of Pharmaceutical and Clinical Research, 12 (2) (2019) 107-114.</li><li>2. G. Dayana Jeyaleela, J. Rosaline Vimala, S. Margrat Sheela, A. Agila, M. Stella Bharathy, M. Divya. Biofabrication of Zinc Oxide Nanoparticles using the Isolated Flavonoid from Combretum ovalifolium and its Anti-oxidative Ability and Catalytic Degradation of Methylene Blue Dye, Oriental Journal of Chemistry 36(4) (2020), 655-664.</li><li>3. G. Dayana Jeyaleela, J. Rosaline Vimala, S. Senthil, K. Manjula, Isolation, Characterization, Molecular docking and In-vitro studies of Inhibitory effect on the Growth of Struvite crystal of Bioactive Principle Derived from <i>Melia dubia</i> leaf Extract, Asian Journal of Chemistry, 31(11) (2019) 2628-2634.</li></ol>	Thank you for the recommendation

### 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>	