

**Review Form 1.7**

Journal Name:	<b>South Asian Research Journal of Natural Products</b>
Manuscript Number:	<b>Ms_SARJNP_116556</b>
Title of the Manuscript:	<b>Phytochemical, pharmacological and medicinal importance of Catharanthus roseus (Apocyanaceae): A mini review</b>
Type of the Article	<b>Minireview Article</b>

## Review Form 1.7

### 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)
<p><b>Compulsory</b> REVISION comments</p> <p>1. <b>Is the manuscript important for scientific community?</b> (Please write few sentences on this manuscript)</p> <p>2. <b>Is the title of the article suitable?</b> (If not please suggest an alternative title)</p> <p>3. <b>Is the abstract of the article comprehensive?</b></p> <p>4. <b>Are subsections and structure of the manuscript appropriate?</b></p> <p>5. <b>Do you think the manuscript is scientifically correct?</b></p> <p>6. <b>Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.</b></p> <p><b>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</b></p>	<p>the title is appropriate</p> <p>Yes</p> <p>Yes</p> <p>It was mentioned</p>	
<p><b>Minor</b> REVISION comments</p> <p>1. <b>Is language/English quality of the article suitable for scholarly communications?</b></p>	<p>Yes, but as some parts must be revised, English correction is required, especially where the text is modified</p>	
<p><b>Optional/General</b> comments</p>	<p><i>Catharanthus roseus</i> (<b>C. roseus</b>). <i>C. roseus</i> (L.) - I suggest checking it out: <i>Catharanthus roseus</i> (L) (<i>C. roseus</i>)</p> <p>Check whether you will write with capital letters Ayurvedic or lower case Ayurvedic throughout the article.</p> <p><b>in vitro</b> - put in italics</p> <p><b>500 kg</b>- format the units throughout the article. leave 500 kg space or remove 500 kg</p> <p>In the methodology it is necessary to add which words were searched, add an option to include or exclude articles in the screening.</p> <p>add in results, the reasons for excluding articles, following the criteria that must be in the methodology</p> <p><b>Fig. 1. <i>Catharanthus roseus</i> (Flower)</b> - What is the source of the figure? the authors themselves?</p> <p><b>Table 1. Traditional uses of <i>C. roseus</i> [17]</b>- Was table 1 all taken from a single article? I suggest redoing and adding information from other articles</p> <p>Diabetes mellitus - put in italics</p>	

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	<p><i>in-vitro</i> and <i>in- vivo</i>- correct for <i>in vivo</i> and <i>in vitro</i></p> <p><b>Table 2. Some crucial phytochemical structure of <i>C. roseus</i></b>- Table 2 was also entirely taken from a single article, it is suggested, like the first, to redo and add information from other articles. Chemical structures are not standardized in size and font. It is suggested to use a program like ChemDraw to redo the structures and leave them standardized.</p> <p><b>Fig. 2. Pharmacological properties of <i>Catharanthusroseus</i></b>Was figure 2 made by the authors or taken from an article?</p> <p><b>Fig. 3. Mechanism of action of vincristine.</b>the source reference in figure 3 is missing</p> <p><b>Oluwafemi Omoniyi et al</b> - the year is missing</p> <p><b>Fig. 4. Mechanism of action of vindoline against type-2 diabetes.</b>the source reference in figure 4 is missing</p> <p>0.8 g/m<sup>4</sup> - make sure the unit is correct</p> <p><b>15 M vinblastine and 50 M</b> -do not start the sentence with a number</p> <p>anti-inflammatory potential. The aqueous and ethanolic extracts of <i>C. roseus</i> had shown adequate anti-inflammatory activity during in-vitro anti-inflammatory study at doses of 250 and 300 mg/kg. During in-vivo anti-inflammation assay, the ethanolic and aqueous solvent extracts of <i>C. roseus</i> plant reduced the carrageenan-induced edema in albino rats. The anti-inflammatory...rewrite the text, lots of repetition of the word anti-inflammatory</p> <p><b>Nayak et al.</b> - the year is missing</p> <p><b>Satish et al.</b> - the year is missing</p> <p>it is suggested that the conclusion be more focused on closure in relation to the review, it is very subjective.</p> <p>As a suggestion, check these articles if you haven't mentioned any that are important:</p> <p><a href="https://www.sciencedirect.com/topics/agricultural-and-biological-sciences/catharanthus-roseus">https://www.sciencedirect.com/topics/agricultural-and-biological-sciences/catharanthus-roseus</a></p>	
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**PART 2:**

	<b>Reviewer's comment</b>	<b>Author's comment</b> <i>(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)</i>
<b>Are there ethical issues in this manuscript?</b>	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

**Reviewer Details:**

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