

Review Form 3

Journal Name:	Journal of Complementary and Alternative Medical Research
Manuscript Number:	Ms_JOCAMR_124583
Title of the Manuscript:	Antioxidant and cytotoxic potential of methanolic extracts of <i>Beta vulgaris</i> and <i>Daucus carota</i> against breast cancer cell line
Type of the Article	

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PART 1: Review Comments

Compulsory REVISION comments	Reviewer's comment	Author's Feedback (Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
<p>Please write a few sentences regarding the importance of this manuscript for the scientific community. Why do you like (or dislike) this manuscript? A minimum of 3-4 sentences may be required for this part.</p>	<p>The topic contributes to building a database for science, especially for pharmaceutical plants, biochemistry, biopharmaceuticals, etc., which can be applied to create functional foods to support breast cancer treatment.</p>	
<p>Is the title of the article suitable? (If not please suggest an alternative title)</p>	<p>Evaluation of antioxidant and breast cancer cytotoxicity of <i>Beta vulgaris</i> and <i>Daucus carota</i> methanol extracts.</p>	
<p>Is the abstract of the article comprehensive? Do you suggest the addition (or deletion) of some points in this section? Please write your suggestions here.</p>	<p>The abstract is very important because it will decide whether the reader continues reading your article or not. Therefore, the abstract needs to clearly state the objectives, methods, and results. I recommend that you add clearly. 1. What method was used to create the extract and what were the results? 2. What method was used to investigate the antioxidant activity? (for example, DPPH free radical scavenging), and what were the results? 3. What method was used to investigate the cytotoxic activity against breast cancer cells? and what percentage of results were obtained? All of these should be presented fully and concisely in about 300 words.</p>	
<p>Are subsections and structure of the manuscript appropriate?</p>	<p>The structure of a scientific paper does not need to show these contents. DISCLAIMER (ARTIFICIAL INTELLIGENCE) DATA AVAILABILITY STATEMENT CONSENT AND ETHICAL APPROVAL These contents will need to be committed between the authors and the scientific journal through a separate commitment.</p>	
<p>Please write a few sentences regarding the scientific correctness of this manuscript. Why do you think that this manuscript is scientifically robust and technically sound? A minimum of 3-4 sentences may be required for this part.</p>	<p>As per the manuscript information, "The plant materials were purchased from the local market of Jhansi district of Uttar Pradesh in the month of January 2017." The specimen was collected in 2017, which means the project was carried out in 2017, so why is it only made public 7 years later (2024)? I have some suggestions - Introduction The content of the article focuses on breast cancer so infectious diseases should not be mentioned in this section. - 2.4 Phytochemical Analysis: The phytochemicals were substances found in plants that naturally occur and may have an impact on one's health³⁷. As mentioned previously³⁸, phytochemical analysis was carried out. What is the method of phytochemical analysis?</p>	
<p>Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.</p>	<p>References should only show about 10–12 main documents that are important to the manuscript, not all 72.</p>	

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Minor REVISION comments Is the language/English quality of the article suitable for scholarly communications?	The language in the manuscript is appropriate for conveying scholarly information, however, it should be brief, concise, and focused on the main points of each section.	
Optional/General comments	Perhaps the topic was covered in 2017-2018; until now, the biological activities of <i>Beta vulgaris</i> and <i>Daucus carota</i> have been researched and published in detail about chemical composition and biological activities using modern research methods and techniques that yield more accurate results than the methods used by the author in the article. Molecules . 2023 Oct; 28(20): 7161. Published online 2023 Oct 19. doi: 10.3390/molecules28207161 PMCID: PMC10608851 PMID: 37894640 Chemical Composition, Functional and Anticancer Properties of Carrot Luigi Mandrich , ¹ Antonia Valeria Esposito , ² Silvio Costa , ² and Emilia Caputo , [*]	

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>	

Reviewer Details:

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