

Review Form 3

Journal Name:	Journal of Advances in Biology & Biotechnology
Manuscript Number:	Ms_JABB_126666
Title of the Manuscript:	Broccoli An Underexploited Exotic Vegetable In Nutraceutical Development: A Review
Type of the Article	

PART 1: Review Comments

Compulsory REVISION comments	Reviewer's comment	Author's Feedback <i>(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i>
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.	This study summarizes important facts about broccoli and discusses how environmental factors, farming methods, and genetics all influence the vegetable's nutraceutical makeup. The amounts of glucosinolates and other advantageous substances are determined by genetic diversity, and their concentrations are also influenced by environmental factors like soil quality, temperature, and light exposure. For example, glucosinolate content is reported to be higher in organic farming than in conventional farming.	
Is the title of the article suitable? (If not please suggest an alternative title)	The article's title is appropriate.	
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.	There is a minor gap in the abstract as it begins with general wellness trends before delving into a thorough analysis of broccoli. To ensure a smooth transition, think about bringing the emphasis on broccoli and nutraceuticals early. There are several broccoli-related details that may be condensed. For example, summarizing its "anti-inflammatory, digestive, and anti-cancer properties" might help it stay on topic and avoid going into too much detail about the nutrients. Although thorough, the part on sophisticated extraction techniques should be condensed. A brief reference to "advanced, sustainable extraction methods" along with a few examples would help the reader stay focused without becoming overwhelmed.	
Are subsections and structure of the manuscript appropriate?	As a review article, it should include references to other research on broccoli, an underutilized exotic vegetable in the development of nutraceuticals. It might also include tables that compare other studies or highlight the study's advantages and disadvantages.	
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.	This study highlights key information regarding broccoli and explores the ways in which genetics, farming practices, and the environment all affect the vegetable's nutraceutical composition. Genetic variety determines the levels of glucosinolates and other beneficial compounds, while environmental conditions such as soil quality, temperature, and light exposure also affect their concentrations. There are a few details about broccoli that may be shortened. Citing its "anti-inflammatory, digestive, and anti-cancer properties" as an example could help it keep on topic and refrain from getting into excessive information about the nutrients. The section on advanced extraction methods should be shortened even though it is comprehensive. A few instances and a brief mention of "advanced, sustainable extraction methods" would keep the reader's attention without overwhelming them.	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.	Good	

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Minor REVISION comments Is the language/English quality of the article suitable for scholarly communications?		
Optional/General comments		

PART 2:

	Reviewer's comment	Author's comment <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>
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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