

BPI Review Form 070520

Book Name:	<u>Research Perspectives of Microbiology and Biotechnology</u>
Manuscript Number:	Ms_BP_2826G
Title of the Manuscript:	Signalling Cascades in Melanoma: Understanding the Potential of Phytochemicals as Inhibitors
Type of the Article	Book Chapter

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PART 1: Review Comments

	Reviewer's comment	Author's comment <i>(If agreed with the reviewer, correct the manuscript and highlight that part in the manuscript. Authors must write his/her feedback here)</i>
Is the manuscript important for the scientific community? Please write a few sentences explaining your answer	To enhance the significance of your contribution in light of recent extensive reviews on melanoma pathways, I recommend incorporating updated statistics and findings from recent in vitro, in vivo, or clinical studies. Delve deeper into treatment biases, exploring both pro- and anticancerous effects, and provide a comprehensive discussion on effectiveness, emphasizing concentrations used and potential implications. Addressing potential harmful effects from high compound concentrations will add depth to your analysis, ultimately offering a more nuanced perspective and contributing more substantially to the existing body of knowledge.	
Is the title of the article suitable? Do you have any alternative Title in your mind?	Yes	
Is the abstract of the article comprehensive? If your answer is No, please provide suggestions	Yes	
Do you think the English quality of the article is suitable for scholarly communications? If your answer is No, please provide suggestions	I would like to suggest employing a meticulous spell checker to ensure the highest standards of spelling, grammar, typo and spacing accuracy in your manuscript. A polished and error-free document not only enhances readability but also underscores the professionalism of your work.	
Please provide your comments regarding the appropriateness of different sections of the manuscript.	By addressing these details, you can further elevate the overall quality of your manuscript and ensure that your research is presented in the most compelling and refined manner: <ol style="list-style-type: none"> 1. Several recent review articles have extensively covered the upregulated pathways in melanoma. Therefore, to make the contribution more significant, I recommend incorporating updated statistics and findings from recent studies, whether they are in vitro, in vivo, or clinical. 2. Furthermore, it would be beneficial to delve deeper into the biases associated with each treatment approach, exploring both the pro- and anticancerous effects of these compounds. Consider providing a comprehensive discussion on what has previously proven effective and what has not. 3. Additionally, inquire about any available results from combination studies, emphasizing the concentrations used and their potential implications. 4. Addressing the possibility of harmful effects associated with excessively high concentrations of the natural compounds would also add depth to your analysis. 5. The term "natural compounds", classified as polyphenols, quinones, polyphenols and flavonoids, includes to countless compounds that are not mentioned in the manuscript. Provide an explanation of why these specific compounds were chosen to include. 6. Consider adding figures to indicate how these compounds inhibit upregulated pathways in melanoma. 7. The section on the four types of melanomas lacks references. 	
Do you think that the references in the manuscript are proper, recent and sufficient? If you have any suggestions, please write here.	For a review article, I would suggest that the authors include a lot more references to provide a more comprehensive overview of the topic and communicate the most recent research findings on each of the compounds mentioned.	

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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>	

Reviewer Details:

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