



SDI Review Form 1.6

Journal Name:	Journal of Advances in Biology & Biotechnology
Manuscript Number:	Ms_JABB_27899
Title of the Manuscript:	Total Phenols Content and Antioxidant Power of Manuka Honey Is Related to 24hr Cytotoxicity Towards MCF-7 Breast Cancer Cells
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:

(<http://www.sciencedomain.org/page.php?id=sdi-general-editorial-policy#Peer-Review-Guideline>)



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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)
Compulsory REVISION comments	Page 1, Lines 3-5 It is essential for the authors to revise the title of their manuscript along the lines of "Manuka honey-induced cytotoxicity against MCF7 breast cancer cells is correlated to total phenol content and antioxidant power."	
	Page 2, Lines 42-50; Page 6, Line 216 It is essential for the authors to disclose the composition/ major constituents (e.g. sugar etc; in percentage or other relevant unit) of Manuka honey (varying UMF) used in the present study	
	Page 2, Lines 42-50 (i) It is essential of the authors to justify the basis of selecting Thyme honey as the control of the present study. (ii) The current findings of Thyme honey need to be compared to previous reports.	
	Page 6, Line 216 The authors acknowledged that other honey constituents might also contribute to the antioxidant power of Manuka honey. As such, it is essential for the authors to justify the basis of selecting only one antioxidant parameter (FRAP in particular) to demonstrate the antioxidant properties of Manuka honey.	
	Page 4, Lines 142-143 It is unclear as to why 24 h was eventually chosen. It is essential for the authors to clarify it further in the text.	



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	Plagiarism issue: Turnitin originality report indicates 17% similarity (excluding bibliography). Nevertheless, it is essentially the authors' responsibility in ensuring the originality of the content.	
<u>Minor</u> REVISION comments	Figure 1 The authors are encouraged to add the following at the end of the captions: "Results are presented as mean values of eight samples of two different days/datasets."	
<u>Optional/General</u> comments	The manuscript is generally well-written with their findings on the correlation of Manuka honey-induced cytotoxicity, total phenol content and antioxidant power clearly illustrated and discussed. The majority (74%) of the references are up to date. Grammatical and editorial errors are kept minimal.	

Reviewer Details:

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