

Review Form 2

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|--------------------------|-----------------------------------------------------|
| Book Name:               | Pharmaceutical Research: Recent Advances and Trends |
| Manuscript Number:       | Ms_BPR_2271                                         |
| Title of the Manuscript: | HONEY AS A NEUTRACEUTICAL : A Review                |
| Type of the Article      | Book Chapter                                        |

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) |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Please write a few sentences regarding the importance of this manuscript for the scientific community. Why do you like (or dislike) this manuscript? A minimumof 3-4 sentences may be required for this part.                        | Yes                                                        |                                                                                                                                                             |
| Is the title of the article suitable? (If not please suggest an alternative title)                                                                                                                                                   | Yes                                                        |                                                                                                                                                             |
| 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.                                                                          | Yes                                                        |                                                                                                                                                             |
| Are subsections and structure of the manuscript appropriate?                                                                                                                                                                         | Yes                                                        |                                                                                                                                                             |
| 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 minimumof 3-4 sentences may be required for this part. | Important data for bee honey properties and health effects |                                                                                                                                                             |
| Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.<br>:                                                                                             |                                                            |                                                                                                                                                             |

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| Minor REVISION comments                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |
| Is the language/English quality of the article suitable for scholarly communications? |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |
| Optional/General comments                                                             | <p>I,'m agree with text in MS_BPR_2271 , but I have strong suggestions to be add red text in article</p> <p>Suggestions for text in page 6 (in red)</p> <p><b>3.1.3 Selection of Honey Type</b> :Some types of honey, such as manuka, <b>honeydew</b>or buckwheat honey, are known to have higher antioxidant content compared to other types of honey.</p> <p>Suggestions for text in page 8 (in red)</p> <p><b>3.2.2. In vitro antibacterial activity of honey</b><br/>In short review were summarized a recent data for <i>in vitro</i> antibacterial activity and perspectivesfor immunological studies in aspects of investigations for specific antibacterial activity substancesin mixes between royal jelly and some kinds of bee honey. This could be important forfuture development of effective therapeutic agents for therapy of intestinal and skin hospitalinfections with case agents resistant for antibacterial substances <i>Escherichia (E.) coli</i>, <i>Aeromonas(A.) hydrophila</i> and <i>Staphylococcus (S.) aureus</i> (<b>Dinkov, D., 2017, Perspection of Royal Jelly and Bee Honey as new antibacterial therapy agents of hospital infections, Journal of Clinical Pathology &amp; Laboratory Medicine, Review article, Vol.1, Issue 1., pp. 5-8 <a href="http://www.alliedacademies.org/clinical-pathology-laboratory-medicine/">http://www.alliedacademies.org/clinical-pathology-laboratory-medicine/</a></b>)<br/>It is proposed interpreting royal jelly, oak honeydew and rape honey concentrations, royal jelly and rape honey (1:100 w/w) combinations as Real Bactericidal Concentrations (RBC) when the 24-hour and 48-hour incubations in enrichment broths specific for respective bacteria and subcultivation on selective nutrient media resulted in lack of a single colony (0 CFU/ml or 100% inhibition). (<b>Dinkov, D., 2021. Microbiological approach for determination of the real bactericidal concentration (RBC) of some types of honey and royal jelly. Bulg. J. Vet. Med., 24, Suppl. 1, 24–29. Suppl. 1, 24–29, ISSN 1311-1477 (print); ISSN 1313-3543 (online)</b>)<br/>In the study from 2022 were presented a new data for specific antibacterial activity in mixes between royal jelly and bee honey against resistant for antibacterial substances microorganisms. This could be important for future development of effective drugs for therapy of skin and intestinal infections (Velina Dinkova &amp; Dinko Dinkov, 2022, Royal jelly and bee honey combination - a new perspective for antibacterial therapy of skin and intestinal infections, Tradition and Modernity in Veterinary Medicine, vol.7, No 2(13): 22-29, ISSN 2534-9333, DOI 10.5281/zenodo.7703956</p> |  |

PART 2:

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|----------------------------------------------|-----------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                              | 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? | (If yes, Kindly please write down the ethical issues here in details) |                                                                                                                                                                              |

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**Reviewer Details:**

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|----------------------------------|-----------------------------|
| Name:                            | Dinko Dinkov                |
| Department, University & Country | Trakia University, Bulgaria |