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| Book Name: | [**Disease and Health: Research Developments**](https://www.bookpi.org/bookstore/product/disease-and-health-research-developments-vol-1/) |
| Manuscript Number: | **Ms\_BPR\_4877** |
| Title of the Manuscript: | **Antioxidants: Occurrence, Chemistry and Health Effects** |
| Type of the Article | **Book Chapter** |

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| PART 1: Comments | | |
|  | Reviewer’s comment **Artificial Intelligence (AI) generated or assisted review comments are strictly prohibited during peer review.** | 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. A minimum of 3-4 sentences may be required for this part.** | This manuscript is important for the scientific community because it highlights the role of antioxidants in preventing oxidative stress and chronic diseases. It provides valuable insights into natural and synthetic antioxidants, their sources, mechanisms of action, and health benefits, contributing to advancements in nutrition, medicine, and food preservation research. |  |
| **Is the title of the article suitable?**  **(If not please suggest an alternative title)** | The title is suitable as it accurately reflects the content of the manuscript. However, a more specific title could be **"Antioxidants: Chemistry, Natural Sources, and Health Benefits."** |  |
| 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. | The abstract is comprehensive but could briefly mention the comparison between natural and synthetic antioxidants. Additionally, highlighting the significance of microbial antioxidants would enhance clarity. |  |
| **Is the manuscript scientifically, correct? Please write here.** | The manuscript is scientifically correct but contains minor errors, such as outdated references and slight inconsistencies in antioxidant mechanisms. A careful review of citations and technical details would improve accuracy. |  |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.**  **-** | Add resent refernces your references is old. |  |
| Is the language/English quality of the article suitable for scholarly communications? | The language is generally suitable for scholarly communication but has minor grammatical errors and awkward phrasing. Proofreading for clarity and coherence would enhance readability. |  |
| Optional/General comments | Add one table and one picture, The manuscript is well-structured and informative, covering key aspects of antioxidants. Refining the language, updating references, and enhancing the discussion on microbial antioxidants would improve its impact. |  |

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| **PART 2:** | | |
|  | Reviewer’s comment | Author’s comment *(if agreed with the 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 detail)* |  |

**Reviewers:**

**Tasawar Iqbal, University of Agriculture Faisalabad, Pakistan**