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| Journal Name:  | [**Microbiology Research Journal International**](https://journalmrji.com/index.php/MRJI)  |
| Manuscript Number:  | **Ms\_MRJI\_134538**  |
| Title of the Manuscript:  | **Comparative Phytochemical Profiling and Antimicrobial Efficacy of Ganoderma and Shiitake Mushrooms: A Microbiological Perspective**  |
| Type of the Article  | **Research Article**  |

**PART 1: Comments**

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|  | **Reviewer’s comment**

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| **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.**  | **In aspect of the Importance, of this Manuscript, I will Point Out below:** 1. **Offering valuable insights into their potential applications in pharmaceutical development and medicinal industry.**
2. **It is also the efficacy of the treatment and prevention of microbial infections.**
3. **It is a rich source of β-glucans, which contribute to its notable antibacterial and antifungal activities.**
 |  |
| **Is the title of the article suitable?** **(If not please suggest an alternative title)**  | **Yes Suitable.**  |  |
| **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.**  | **This manuscript of the Abstract is Ok.**  |  |
| **Is the manuscript scientifically, correct? Please write here.**  |  **Ok Correct.**  |  |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.**  | **Sufficient, But some Reference are not Open in “Google Scholar”, Just Like-** **Chen, W., Cheng, H., Liu, Y., & Wang, P. (2017). *Bioactive secondary metabolites from Ganoderma fungi: Their functional properties and potential applications.* Biotechnology Advances, 35(2), 127-146.** **Otherwise all reference are ok.**  |  |
| **Is the language/English quality of the article suitable for scholarly communications?**   |  **Yes. All are ok.**  |  |
| **Optional/General** comments   | **None Plagiarism aspect, there is no Plagiarism** |  |

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| **PART 2:**  |
|  | **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)* |  |

**Reviewer details:**

**Bidhan Chandra Roy, Dinabandhu Mahavidyalaya, West Bengal State University, India**