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| Journal Name: | [**European Journal of Medicinal Plants**](https://journalejmp.com/index.php/EJMP) |
| Manuscript Number: | **Ms\_EJMP\_138463** |
| Title of the Manuscript: | **ISOLATION OF POLYSACCHARIDES FROM CURCUMA LONGA AND ITS INTERACTION WITH BOVINE SERUM ALBUMIN** |
| Type of the Article | Research Article |

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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** (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.** | The research article provides information about interaction of polysaccharides obtained from turmeric and bovine serum albumin which definitely helps in understanding the biocompatibility and binding efficiency of polysaccharides which in turn helps in drug design and its delivery and also helps in optimizing their therapeutic potential. |  |
| **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, the abstract is comprehensive. Just need to add the implications, significance or applications of the results of the research performed. |  |
| Is the manuscript scientifically, correct? Please write here. | Yes |  |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.** | References are sufficient but not recent. Try to incorporate recent 5 years references. |  |
| Is the language/English quality of the article suitable for scholarly communications? | Yes |  |
| Optional/General comments | Give some details regarding Bovine Serum Albumin. Also mention what kind of interaction or conformation changes occur when polysaccharides interact with the protein. What effect it have on the bioavailability of drug. |  |

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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:**

**Jyoti Verma, Bhavdiya Institute of Pharmaceutical Sciences & Research, India**