

Review Form 3

Journal Name:	European Journal of Medicinal Plants
Manuscript Number:	Ms_EJMP_125815
Title of the Manuscript:	Innovation of BioCurcuminoids and its Pharmacokinetic Study of CurcuminAura™ with regular curcuminoids
Type of the Article	

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PART 1: Review Comments

Compulsory REVISION comments	Reviewer's comment	Author's Feedback <i>(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i>
Please write a few sentences regarding the importance of this manuscript for the scientific community. Why do you like (or dislike) this manuscript? A minimum of 3-4 sentences may be required for this part.	I find this manuscript valuable due to its innovative approach in solving a long-standing problem with curcumin. The study's design is well-structured, and its focus on pharmacokinetics offers solid data to support the enhanced efficacy of CurcuminAura™. However, the complexity of the extraction and formulation process might make replication difficult, which could be a limitation for widespread application.	This manuscript is valuable for its innovative approach to addressing a long-standing issue with curcumin. The study design is well-organized, and its emphasis on pharmacokinetics provides strong data supporting the enhanced efficacy of CurcuminAura™. However, the complexity of the extraction and formulation process may pose challenges for replication, which could limit its broader application.
Is the title of the article suitable? (If not please suggest an alternative title)	"From Tradition to Innovation: Pharmacokinetic Insights into CurcuminAura™ and Conventional Curcuminoids"	Yes, the title of the article is 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.	Suggestions for Addition: 1. Purpose Clarification: A brief statement on the significance of enhancing curcumin bioavailability could emphasize the potential impact on health and disease prevention. 2. Methodological Details: Including the specific method of blood analysis (e.g., HPLC, LC-MS) would provide clarity on how the pharmacokinetic data was obtained. 3. Statistical Analysis: Mentioning any statistical methods used to analyze the data would strengthen the reliability of the results. 4. Conclusions and Implications: A brief summary of the implications of the findings for clinical use or future research could enhance the conclusion.	As per the reviewers' comments, The significance of enhancing curcumin bioavailability will be emphasized and the potential impact on health and disease prevention will be mentioned. More in depth knowledge on the implications of the findings of clinical use will be provided giving details about the method.
Are subsections and structure of the manuscript appropriate?	Yes	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 minimum of 3-4 sentences may be required for this part.	The manuscript appears to be scientifically robust and technically sound based on several factors. It utilizes well-established methodologies, such as HPLC analysis, to accurately quantify curcumin content and compare the bioavailability of CurcuminAura™ with regular curcumin, ensuring reliable and repeatable results. The pharmacokinetic study design, including the use of Sprague Dawley rats and systematic blood sampling at multiple time points, follows standard practices in drug evaluation, which strengthens the validity of the findings. Additionally, the manuscript provides detailed explanations of the formulation process and bioavailability enhancement mechanisms, supporting the scientific rigor of the study.	The manuscript has been written based on scientific evidence based on the pre-clinical studies on Sprague Dawley rats. The bioavailability of CurcuminAura™ was compared with regular curcumin to study the curcuminoids .HPLC analysis was carried out and results were analyzed and were represented through chromatographical studies .
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form. :	Yes	Yes

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Minor REVISION comments		
Is the language/English quality of the article suitable for scholarly communications?	Yes	
Optional/General comments		

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)	NA