

Review Form 3

Journal Name:	Journal of Pharmaceutical Research International
Manuscript Number:	Ms_JPRI_126001
Title of the Manuscript:	FORMULATION AND EVALUATION OF COLON SPECIFIC MELOXICAM MICROCAPSULES FOR THE TREATMENT OF ARTHRITIS
Type of the Article	Original Research Article

General guidelines for the Peer Review process:

This journal's peer review policy states that **NO** manuscript should be rejected only on the basis of '**lack of Novelty**', provided the manuscript is scientifically robust and technically sound. To know the complete guidelines for the Peer Review process, reviewers are requested to visit this link:

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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.	This manuscript is important for the scientific community because it addresses the development of a colon-specific delivery system for meloxicam, a non-steroidal anti-inflammatory drug (NSAID) commonly used in the treatment of arthritis. By targeting the colon, this formulation can potentially reduce systemic side effects, such as gastrointestinal irritation, and improve the therapeutic efficacy of meloxicam. The study's focus on microcapsules enhances the possibility of controlled and sustained drug release, which is crucial for chronic conditions like arthritis. I appreciate the manuscript for its contribution to targeted drug delivery systems, which can improve patient outcomes and treatment adherence.	
Is the title of the article suitable? (If not please suggest an alternative title)	The title of 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.	The abstract is comprehensive but could be refined for clarity. The objective should focus more on improving patient compliance. Methods could explain the polymer choice, and results would benefit from specific dissolution data. The conclusion could emphasize reducing NSAID side effects for arthritis patients through colon-specific delivery.	
Are subsections and structure of the manuscript appropriate?	The subsections and structures of manuscript is appropriate.	
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 due to its thorough investigation of key parameters for formulating meloxicam (MLX) microcapsules. The compatibility study, SEM analysis, and particle size determination are all standard, reliable techniques. The use of multiple formulations (F1-F6) provides a detailed comparison, while the entrapment efficiency and in vitro release studies demonstrate a systematic approach to optimizing the formulation. The results are consistent and supported by the data, ensuring the validity of the conclusions drawn, particularly in terms of the relationship between polymer concentration and sustained drug release.	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form. :	The references in the manuscript appear to be a mix of recent and older studies, which provides a balanced background. However, some references are quite old, such as from 1999 and 2003, which could be updated to reflect more current research in drug delivery systems. A few more recent studies on colon-specific drug delivery and advances in microencapsulation techniques would strengthen the manuscript's relevance.	
Minor REVISION comments		
Is the language/English quality of the article suitable for scholarly communications?	The article demonstrates clear technical language and a concise objective but requires improvements in tone, sentence complexity, and grammar consistency.	
Optional/General comments		

PART 2:

	Reviewer's comment	Author's comment <i>(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)</i>
Are there ethical issues in this manuscript?	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

Reviewer Details:

Name:	Mukesh Kumar Shukla
Department, University & Country	Hygia Institute of Pharmacy, India