

BPI Review Form 070520

Book Name:	Disease and Health Research - New Insights
Manuscript Number:	Ms_BPR_1656
Title of the Manuscript:	Targeted therapy for CML patients on Imatinib: Role of novel variants of Human Organic Cationic Transporter 1 (hOCT1)
Type of the Article	Book chapter

BPI Review Form 070520

PART 1: Review Comments

	Reviewer's comment	Author's comment (If agreed with the reviewer, correct the manuscript and highlight that part in the manuscript. Authors must write his/her feedback here)
Is the manuscript important for the scientific community? Please write a few sentences explaining your answer	Yes, the manuscript is important for the scientific community. It provides valuable insights into the role of hOCT1 and its variants in predicting the response to imatinib therapy in CML patients. Understanding these mechanisms can aid in the development of personalized treatment strategies, improving patient outcomes and advancing the field of pharmacogenetics.	
Is the title of the article suitable? Do you have any alternative Title in your mind?	The title is suitable as it clearly conveys the focus of the chapter on targeted therapy for CML patients using imatinib and the role of novel variants of hOCT1. However, it could be slightly refined for clarity and precision. Alternative Title: "Role of Novel hOCT1 Variants in Predicting Imatinib Efficacy for CML Patients"	
Is the abstract of the article comprehensive? If your answer is No, please provide suggestions	The abstract is comprehensive but can be improved for better clarity and conciseness. Suggestions: Simplify complex sentences and remove redundancy. Emphasize the key findings and implications more clearly. Revised Abstract Suggestion: "The hOCT1 gene (SLC22A1) encodes a transporter involved in the uptake of organic cations, including the CML therapy drug, imatinib. Evaluating hOCT1 expression can predict the effectiveness of imatinib treatment in newly diagnosed CML patients. Understanding hOCT1 expression patterns and polymorphisms could inform personalized treatment strategies, optimizing outcomes for CML patients on imatinib therapy."	
Do you think the English quality of the article is suitable for scholarly communications? If your answer is No, please provide suggestions	The English quality of the article is generally suitable for scholarly communications, but some sentences could be simplified for clarity and readability. Suggestions: Avoid overly complex sentence structures. Ensure consistent use of technical terminology. Check for grammatical accuracy and conciseness.	
Please provide your comments regarding the appropriateness of different sections of the manuscript.	Introduction: Provides a good background but could be more focused on the relevance of hOCT1 in CML treatment. Ensure smooth transitions and maintain focus on hOCT1's role. hOCT1 as a Pharmacogenetic Marker: Detailed and informative but could be more focused on hOCT1 variants' specific impacts on imatinib treatment. Role of Imatinib in CML: Should maintain a clear focus on how hOCT1 impacts imatinib efficacy rather than a general discussion on imatinib. hOCT1 Gene Expression: Emphasize critical findings related to hOCT1 expression and its impact on treatment outcomes. Simplify discussions on SNPs for broader understanding. Conclusion: Summarize key points succinctly and mention potential future research directions or clinical applications.	

BPI Review Form 070520

Do you think that the references in the manuscript are proper, recent and sufficient? If you have any suggestions, please write here.	The references appear proper and relevant to the topic.	
--	---	--

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:	Anuupama Suchiita
Department, University & Country	Maulana Azad Medical College, India