

**BPI Review Form 070520**

Book Name:	<a href="#">Disease and Health Research - New Insights</a>
Manuscript Number:	<b>Ms_BPR_1656</b>
Title of the Manuscript:	<b>Targeted therapy for CML patients on Imatinib: Role of novel variants of Human Organic Cationic Transporter 1 (hOCT1)</b>
Type of the Article	<b>Book chapter (Mini-review)</b>

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**PART 1: Review Comments**

	<b>Reviewer's comment</b>	<b>Author's comment</b> (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	<p>Sub: MS_BPR_1656 Targeted therapy for CML patients on Imatinib: Role of novel variants of Human Organic Cationic Transporter 1 (hOCT1)</p> <p>Referee summary/assessment: The authors review the relationship between hOCT1 transporter for organic cations and metformin and the response of CML to treatment with small molecule Imatinib. The study begins with an introduction with information (background) on its incidence, initiation and its phases/proportions. Additional sections include on the hOCT1 structure, it being the receptor kinase target favorable to outcome, and the response types in relation to non-synonymous mutations, missense, and/or indel (deletion, insertion) followed by the conclusion.</p> <p>Assessment/Recommendations: There are some points to consider. There are tyrosine kinase inhibitors in the class that have been developed after it with higher affinity, for example Dasatinib, as per saturation binding or inhibitory concentration assay; if there is this information included in tabular format with 4 to 5 columns. The stages of CML and mutations by type along with K.M. curve information could be presented in some format including schematic. Is the exposure duration known. Are there are other channels such as this one that are associated with changed cell genotype? With the additional discussion, the submission will be at the mark.</p> <p>Overall assessment: With the above addressed, the paper can be further assessed.</p> <p>Hemant Sarin, MD, ISPG (4 yr), MPH</p>	
Is the title of the article suitable? Do you have any alternative Title in your mind?	n.a. (non-applicable)	
Is the abstract of the article comprehensive? If your answer is No, please provide suggestions	It is written in non-traditional style and since it is a review, it is suitable.	
Do you think the English quality of the article is suitable for scholarly communications? If your answer is No, please provide suggestions	The sentences are comple.	
Please provide your comments regarding the appropriateness of different sections of the manuscript.	The sections that are there or included are written as review.	
Do you think that the references in the manuscript are proper, recent and sufficient? If you have any suggestions, please write here.	The references should be included where they are needed.	

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**PART 2:**

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

**Reviewer Details:**

Name:	<b>Hemant Sarin</b>
Department, University & Country	<b>USA</b>