

Review Form2

Book Name:	Medicine and Medical Research: New Perspectives
Manuscript Number:	Ms_BPR_2397
Title of the Manuscript:	Hydrolytic Enzymes Targeting to Prodrug/Drug Metabolism for Translational Application in Cancer
Type of the Article	Book chapter

PART 1: Review Comments

Compulsory REVISION comments	Reviewer's comment	Author's Feedback(Please correct the manuscript and highlight that part in the manuscript. 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. Why do you like (or dislike) this manuscript? A minimumof 3-4 sentences may be required for this part.	The use of enzyme/prodrug system has gained attention because it could help improve the efficacy and safety of conventional cancer chemotherapies. The basis for prodrug enzyme therapy is to increase the therapeutic index by delivering a drug-activating enzyme to tumor tissue prior to the systemic administration of a nontoxic prodrug. This strategy results in cell killing that is limited to and maximized at the tumor site.	
Is the title of the article suitable? (If not please suggest an alternative title)	Yes, the title is suitable for the article.	
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.	
Are subsections and structure of the manuscript appropriate?	Yes the sub sections are appropriate. The author tabulated the MMPs and their substrate in a summarised form along with their alternative names. The author also discuss the molecular biochemistry and biotechnological processes of each enzymes and discuss the impact of enzymes on efficient drug productions. However, the author did not add the subtitle of conclusion and there is no concluding remarks at the end of manuscript.	
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 minimumof 3-4 sentences may be required for this part.	The manuscript is scientifically robust. The author choose the topic of hydrolytic enzymes in cancer cells and at micromolecular level the hydrolytic enzymes are ubiquitous enzymes resulting in hydrolysis reaction. Hydrolytic enzymes are structurally very distinct and complex molecules and because of biotechnological techniques they can be employed to generate enhanced drug activity	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.	Yes the referencs are sufficient but the author used the reference last 30 years back from the literature. There is no recent reference in the manuscript and I think recent references based on the biotechnological techniques should be added.	

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Minor REVISION comments		
Is the language/English quality of the article suitable for scholarly communications?	Yes the quality of English language is suitable for scholarly communication	
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)	

Reviewer Details:

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