

BPI Review Form 070520

Book Name:	<u>Advanced Concepts in Medicine and Medical Research</u>
Manuscript Number:	Ms_BP_2659G
Title of the Manuscript:	Hyperthermia: Clinical Applications and Theoretical Models
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 manuscripts talks about the use of nanoparticles in hyperthermia which has many advantages over the conventional techniques. Heat tranfer to a specific region to kill the cancerous cells while not affecting the healthy cells is crucial in hyperthermia treatment and use of nanoparticles exactly do that. The topic of the manuscript is surely going to attract researchers in the same field.	
Is the title of the article suitable? Do you have any alternative Title in your mind?	Yes, the title is appropriate. It accurately reflects the content.	
Is the abstract of the article comprehensive? If your answer is No, please provide suggestions	yes	
Do you think the English quality of the article is suitable for scholarly communications? If your answer is No, please provide suggestions	English quality can be improved. Also, grammatical mistakes and spelling mistakes shoule be rectified. - Spelling mistake in Table 1 -	
Please provide your comments regarding the appropriateness of different sections of the manuscript.	Lack of reference, Introduction section – Repetation of line in paragraph 2 and 3 – “microwave,radiofrequency, laser, and ultrasound, areineffective because the majority of the heat is dissipated in healthy cells locatedalong the path of the external beam of radiation and surrounding cells”. Equations – what is N in Equation 4 ?. Please add unit of each property used in the equations. Diagram captions – Please use both full and abbreviation word in the captions. Figure 2 -The diagram is as-it-is taken from the referenced paper. Please modify or edit it atleast. Conclusion – Last paragraph talks about some simulation, where is it mentioned in the paper?	
Do you think that the references in the manuscript are proper, recent and sufficient? If you have any suggestions, please write here.	References are not up-to-date. No references from year 2022-2023.	

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?	<u>(If yes, Kindly please write down the ethical issues here in details)</u>	

BPI Review Form 070520

Reviewer Details:

Name:	Deepshikha Bhargava
Department, University & Country	Kasetsart University, Thailand