

Review Form2

Book Name:	Chemical and Materials Sciences -Developments and Innovations
Manuscript Number:	Ms_BPR_2046
Title of the Manuscript:	Ceramic, glass and glass-ceramic based composites as bioactive bone cement
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 minimumof3-4 sentences may be required for this part.	review shows ceramics, glass and glass-ceramic based composites have great potential as bioactive bone cement. Although research has been conducted in this field still there is enormous scope to carry on research on these composite materials for similar or other biomedical applications.	
Is the title of the article suitable? (If not please suggest an alternative title)	Suitable title	
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.	Comphrehensive abstract	
Are subsections and structure of the manuscript appropriate?	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 minimumof3-4 sentences may be required for this part.	various types of bone cements have been developing for biomedical applications to achieve strength, fracture resistance properties and bioactivity. Recently, research has been envisaged to improve the performance of existing bone cements.Different bioactive composite bone cements have been prepared by reinforcing certain reinforcing materials such as alumina, toughened zirconia and hydroxyapatite phases in theceramic, glass and glass-ceramic matrix. The current paper is well focused on ceramic, glass and glass-ceramic based bone cements and its probable application	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.	sufficient	

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Minor REVISION comments		
Is the language/English quality of the article suitable for scholarly communications?	yes	
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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