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Journal Name:	Journal of Pharmaceutical Research International
Manuscript Number:	Ms_JPRI_47691
Title of the Manuscript:	Synthesis of Morphine Loaded Hydroxyapatite Nanoparticles (HAPs) and Determination of Genotoxic Effect for Using Pain Management
Type of the Article	Original Research Article

General guideline for Peer Review process:

This journal's peer review policy states that <u>NO</u> manuscript should be rejected only on the basis of '<u>lack of Novelty'</u>, provided the manuscript is scientifically robust and technically sound. To know the complete guideline for Peer Review process, reviewers are requested to visit this link:

(http://www.sciencedomain.org/page.php?id=sdi-general-editorial-policy#Peer-Review-Guideline)

PART 1: Review Comments

	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)
<u>Compulsory</u> REVISION comments		
	According to Figure 2, the absorption bands at 1346 cm $^{-1}$ and 886 cm $^{-1}$ show the presence of $(CO_3)^{2^-}$ in HA structure. Therefore, the structure of the HA does not meet the formula of hydroxyapatite. Possible and interaction with morphine does not occur in the form of diffusion. What processes go?	
Minor REVISION comments		
Optional/General comments		

PART 2:

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	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:

Name:	Lyubov Fedorovna Koroleva
Department, University & Country	Institute of Engineering Science, Russia

Created by: EA Checked by: ME Approved by: CEO Version: 1.6 (10-04-2018)