

Review Form 1.6

Journal Name:	Journal of Materials Science Research and Reviews
Manuscript Number:	Ms_JMSRR_85091
Title of the Manuscript:	Formation of a mature biofilm of <i>Enterococcus faecalis</i> in root canal and its treatment using gold nanorods
Type of the Article	Original Research Article

General guideline for Peer Review process:

This journal's peer review policy states that **NO** manuscript should be rejected only on the basis of '**lack of Novelty**', 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:

(<https://journaljmsrr.com/index.php/JMSRR/editorial-policy>)

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)
Compulsory REVISION comments	Able to understand the complete background of the study/manuscript from the abstract itself. Authors have highlighted that bacterial elimination is one of the utmost regime in treatment of infected root canal which is again reported in studies by Yoo A et al which I find agreeable and scientifically accepted.	
Minor REVISION comments	There is an excellent notes and points being mentioned on <i>Enterococcus faecalis</i> however points to remember is being efficient on writing correct spelling where I could point out is on second paragraph (dental tubules)which should be dentinal tubules. Among the recent advances Use of lasers and nanoparticles as mentioned gold nanorods are quite alarming and it is one of the work which I find enthusiastic among several similar studies Bansode et al and Afkhami F et al.	
Optional/General comments	Apart from periodontal and root canal as used in this study, gold nanorods are used/tested in the field of drug delivery and photothermal therapy Alaaldin et al 2012 which I agree with the present study.An interesting methodology with positive result which would help a lot in future Endodontic studies and as a treatment adjunct in Endodontic therapy.	

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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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