



SDI Review Form 1.6

Journal Name:	Journal of Advances in Medicine and Medical Research
Manuscript Number:	Ms_JAMMR_45018
Title of the Manuscript:	Human Immunodeficiency Virus Infection, Treatments, and Therapy: Effect of CCR5 Mutation
Type of the Article	Review Paper

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:

(<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)
Compulsory REVISION comments		
Minor REVISION comments	The critical analysis of progress made on HIV treatments and of studies pertinent to the chemokine 16 co-receptor 5 and gene therapies discussed in this review paper is relevant and deserves to be published. A minor revision should be made on page 31, lines 7 and 8. There is an inconsistency between the sentence that states "CRISPR/Cas-9 system is very efficient as it is the most precise of the gene therapies and has not lead to any off-target effects as seen in both the TALENs and the ZFNs". On the page immediately before (page 30), the authors claim the opposite "This off-target editing may occur due to a lack of specificity of the guide RNA to the HIV DNA" (lines 8 and 9).	We agree with the reviewer We have revised the section on page 31 and 8. This reads now as follow The CRISPR/Cas-9 system is very efficient as it is the most precise of the gene therapies. But, it still leads sometimes to off-target mutations that may result in genomic instability and disruption of normal gene function. This is one major concern when applying CRISPR/Cas9 system to biomedical and clinical applications.
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?	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	