

**Review Form 1.7**

Journal Name:	<b>Biotechnology Journal International</b>
Manuscript Number:	<b>Ms_BJI_113104</b>
Title of the Manuscript:	<b>GENOME EDITING: A STRATEGIC TOOL TO ADVANCE POULTRY PRODUCTION IN THE TROPICS</b>
Type of the Article	

**PART 1: Review Comments**

	<b>Reviewer's comment</b>	<b>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)</b>
<p><b>Compulsory</b> REVISION comments</p> <p>1. <b>Is the manuscript important for scientific community?</b> (Please write few sentences on this manuscript)</p> <p>2. <b>Is the title of the article suitable?</b> (If not please suggest an alternative title)</p> <p>3. <b>Is the abstract of the article comprehensive?</b></p> <p>4. <b>Are subsections and structure of the manuscript appropriate?</b></p> <p>5. <b>Do you think the manuscript is scientifically correct?</b></p> <p>6. <b>Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.</b></p> <p><b><u>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</u></b></p>	<ul style="list-style-type: none"> <li>Ghandi and his colleagues (2017)..... Please cite a proper reference like from a news, book or maybe mentioned the institution/industry where it is practicing.</li> <li>Try to use the scientific name of organism properly (coli tRNA. <i>E. coli</i> (corrected by reviewer).</li> <li><b>NHE1</b> adds abbreviations. It is confusing either Sodium Hydrogen exchanger or non-homologous end joining to the reader. (under the heading of <b>Development of disease resistant breed using genome editing technology</b>), <b>ISG gene</b> adds abbreviations. Interferon stimulated genes, <b>MSTN gene</b> adds abbreviations myostatin gene. (under the heading of <b>Application of genome-edited poultry in many industries</b>), <b>Vpol</b> viral polymerase adds abbreviations.</li> <li>Most of the spelling and grammar mistakes have been corrected by me.</li> <li>Add a specific case study as an example or milestone achieved by scientists/biotechnologists.</li> <li>Try to add a table through which comparison of different gene editing techniques like ZFNs, TALENS and CRISPR or such aspects should be highlighted.</li> <li>Add some graphics or pictorials (maybe a graphical abstract) to make your article more appealing.</li> <li>In prospects, present some other modifications of CRISPR like gene disruption via indels in coding or promoter regions, multiplex genome editing, biomimicking etc. (either these are in practice in poultry anywhere in the world or may be use in future?)</li> <li>Also highlight the point will the genome edited poultry meat be acceptable for consumption i.e highlights some bioethics.</li> </ul>	
<p><b>Minor</b> REVISION comments</p> <p>1. <b>Is language/English quality of the article suitable for scholarly communications?</b></p>		
<p><b>Optional/General</b> comments</p>		

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**PART 2:**

	<b>Reviewer's comment</b>	<b>Author's comment</b> <i>(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)</i>
<b>Are there ethical issues in this manuscript?</b>	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

**Reviewer Details:**

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