



**SDI Review Form 1.6**

Journal Name:	<a href="#">Current Journal of Applied Science and Technology</a>
Manuscript Number:	<b>Ms_CJAST_49208</b>
Title of the Manuscript:	<b>RNA Interference: A versatile tool for Functional Genomics and unraveling the genes required for viral disease resistance in plants</b>
Type of the Article	<b>Review Article</b>

**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>)



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**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)
<b>Compulsory</b> REVISION comments	<p><b>Line 3, Review title should be in sentence case (functional genomics)</b></p> <p><b>Line 14;</b> Over the years,</p> <p>Line 35 and 36 recast</p> <p>Line 40: the event of post-transcriptional</p> <p><b>Line 47;</b> On the theme of above concept,</p> <p>Line 50; Recast era of biotechnologists not clear</p> <p>Line 81 to 88 not comprehensively written, recast</p> <p>Line 97 to 99. Rephrase</p> <p>Line 107 overhang at 3' end,</p> <p>Line 108: binding the 2 nucleotide 3' overhang</p> <p>Line 114 in <i>Drosophila</i>,</p> <p>Line 115 Dicer 2 is used for siRNA tracking kindly effect</p> <p>Line 123 vertebrates'</p> <p>The write up under this sub heading: <b>RISC: At the Core of RNA interference</b> should be revisited for better comprehensive work.</p> <p>Line 270: it would have been nice you give example(s) of mammals that encode only one Dicer gene</p> <p>Line 282: <i>Drosophila</i> should be italicized</p> <p>Line 286: Argonaute proteins are highly rich in basic amino acids, <b>give examples</b></p> <p>Line 309 – 312 not clear and as such, recast</p> <p>Line 339-400: kindly recast</p> <p>Line 395-399: recast</p> <p>Line 8-415: there is disconnection within the sentence. Check and correct as appropriate</p> <p>Line 522 meaning of –UTR</p> <p>Line 525-529 recast</p> <p>Line 530: subheading should not be abbreviated; VIGS in full</p> <p>Line 573: example of plant resistance where VIGS has been used</p> <p>Line 625-633 recast</p> <p>Lthough the concluding section is encompassing, there is a break and as such author should kindly review the write up.</p> <p>I would suggest that author should add recommendation regarding this topic with a view to identify more area(s) to be explore with this technique</p>	All corrections have been made in the manuscript
<b>Minor</b> REVISION comments		



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<b>Optional/General</b> comments		

**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>
Are there ethical issues in this manuscript?	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	