



SDI Review Form 1.6

Journal Name:	Current Journal of Applied Science and Technology
Manuscript Number:	Ms_CJAST_49208
Title of the Manuscript:	RNA Interference: A versatile tool for Functional Genomics and unraveling the genes required for viral disease resistance in plants
Type of the Article	Review 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:

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



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Optional/General comments		

PART 2:

	Reviewer's comment	Author's comment <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>	

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