



SDI Review Form 1.6

Journal Name:	International Journal of Biochemistry Research & Review
Manuscript Number:	Ms_IJBCRR_32087
Title of the Manuscript:	Comparison of antioxidant system and anaerobic metabolism in seedlings of contrasting maize genotypes under short term waterlogging
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:

(<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)
<u>Compulsory</u> REVISION comments	Authors must revise this manuscript again... Plagiarism Issue-I checked this manuscript by itenticate program. It gives 43% similarity except bibliography. Especially 15% percent as similar as "Evaluation of oxidative stress tolerance in maize seedlings in response to drought" by Chugh et al 2011 in Indian Journal of Biochemistry & Biophysics. I think this manuscript was written same authors. However, they must change it. 43% is very high score for itenticate program. http://nopr.niscair.res.in/bitstream/123456789/11105/1/IJB%2048%281%29%2047-53.pdf	Authors have been analyzing the biochemical responses of tolerant and susceptible maize genotypes under excess and deficit water stress conditions at various growth stages at laboratory and field conditions and have previously published four manuscripts in reputed peer reviewed journals (Chugh et al 2011a, 2011b, 2012 & 2013). In all the studies, some common biochemical parameters such as antioxidant systems components (enzymatic and non-enzymatic antioxidants), oxidative stress indicators, anaerobic metabolism enzymes etc. have been analyzed. Hence same Materials and methods have been followed after the standardization. Also in the present manuscript under consideration for publication in IJBCCR, common biochemical parameters such as antioxidant enzymes, H₂O₂ and MDA content have been analyzed hence same extraction and estimation protocols as mentioned in our previous manuscript entitled "Evaluation of oxidative stress tolerance in maize seedlings in response to drought" by Chugh et al 2011 in Indian Journal of



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		Biochemistry & Biophysics, have been mentioned and must have shown similarity in itenticate program. Additionally some of the similarities with two publications of Kamaljit kaur and Harinderjeet kaur that have been shown by the itenticate program also belong to the other members of our research group only and the matter in the Materials and Methods section has been adopted from their publications and have been cited at suitable places. Authors have tried to take every care to cite and acknowledge the original references at appropriate places by which presented results have been supported.
<u>Minor</u> REVISION comments		
<u>Optional/General</u> comments		