



SDI FINAL EVALUATION FORM 1.1

PART 1:

Journal Name:	Microbiology Research Journal International
Manuscript Number:	Ms_MRJI_33596
Title of the Manuscript:	Mycotoxin Producing Fungi Associated With Some Medicinal Plant Produce And Induced Mycotoxin Level & Biochemical Changes
Type of Article:	Research Article

PART 2:

FINAL EVALUATOR'S comments on revised paper (if any)	Authors' response to final evaluator's comments
Revise title to read: Mycotoxin contamination and induced biochemical changes associated with selected medicinal plants. First sentence in the abstract – missing word(s) - Section 2.0 - What plant parts were collected for field samples – This comment has not been addressed Section 2.1 – Petri dish were... Correct grammar. Section 2.1 – It is practically impossible to isolate fungi from materials that are not surface sterilized without adding an antibiotic. I leave the final verdict to the Journal editor. Line 68/69 - ...developing fungal colonies were recorded, isolated.....? This comment has not been addressed correctly. These are technical terms in Microbiology that should be correctly used. - Section 2.3 what were the limits of detection/quantification of the various mycotoxins? The authors' response to this comment is worrisome. Systems of mycotoxin detection have both lower and upper limit of detection and it is not based on whether the levels of the toxins in the matrix are traces or high. Simply cite the limit of detection based on the TLC system that was used in the study. - Section 2.Last sentence: at what probability level? This comment has not been addressed Results: In modern nomenclature there is no species known as <i>Fusarium moniforme</i>. This species has been re-classified as <i>Fusarium verticillioides</i> and <i>Fusarium proliferatum</i>. This is the correct position. <i>Fusarium moniliforme</i> is old classification.	done done Its fruits/ seeds done Surface sterilization with sodium hypochlorite is a very effective and common practice. [pl. refer USDA publication, Saucer and Burroughs (1986), Disinfection of seed surfaces with sodium hypochlorite, Phytopathology, 76:745-749] done detection limit of 5.35 µg/kg for the TLC method employed 5% level Necessary editing made in the text done as already mentioned in Section 2.3, lines 121-123, quantitative estimation of only aflatoxin have been carried out. mycotoxins present even in low conc. was detected, but quantification was not possible where it was present in traces only.



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Results, first paragraph – Grammar should be corrected. Comment on Table 2 has not been addressed. How is it possible to show the mycotoxin produced by some species without showing the levels/range detected? Why is the last column empty for some species? The correct way to address this is to indicate below limit of detection if at all the specific mycotoxins were detected. Hence the need to address the question in section 2.3 on limit of detection Table 3 – What are the units for the values presented in the Table?	g/100g, already mentioned
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