



SDI Review Form 1.6

Journal Name:	Biotechnology Journal International
Manuscript Number:	Ms_BJI_35996
Title of the Manuscript:	Investigation the effects of UV radiation on physiological characteristics of Moringa oleifera in vitro and in vivo.
Type of the Article	Original 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)
Compulsory REVISION comments	<p>Subject: <i>Moringa oleifera</i> Lam: could be introduced in the subject; not necessary in the text.</p> <p>All manuscript: The units must be separated from their values, for example: 10_ml and not 10ml.</p> <p>Introduction: The wavelength values of the UV light must be decreasing (400 – 320 nm for UV-A; 320 – 280 nm for UV-B and 280 – 200 or 100 nm for UV-C). Murashige and Skoog 1962)</p> <p>Materials end Methods: Sampling: How many seeds are submitted to UV? Treatment: How seeds were treated with UV light? Medium: Growth regulators: Which those used in the work? Sucrose, myo-inositol and growth regulators: their quantities in the medium? What moment the NaOH (0.1N) and HCl (0.1N) solutions were used each? Clorox: What's that? 30% of Clorox for 30 min, it's not too much? (See Abd El-Kadder et al., 2014).</p> <p>The medium was sterilized by autoclaving, what autoclave? What temperature and what pression? The seeds dipped in 95% ethanol, it is not 70% or 95%? See again Abd El-Kadder et al., 2014). BAP = Benzylaminopurine, What are BA and 2, 4-D? All cultures were incubated at 25±2°C, where? What the biological material used for callus production, seeds or explants or cotyledons of <i>M. oleifera</i>? See formula. How has the fresh weight of the callus been measured? Spectrophotometer used: Which one, his mark? Equation of the curve? In vivo is used if animals were used, I think that you could use in situ. What statistical test is used to find the same lsd (Lsd = 3.1) for all parameters?</p> <p>The conclusion was not included in the text.</p>	
Minor REVISION comments	<p>Callus page 3 Callus after Oraibi, 2016.</p> <p>Table 1 UV (nm): Control (0.0), A (400 – 320 nm), B (320 – 280 nm) and C (280 – 200 nm).</p>	
Optional/General comments	<p>° How weighted you the fresh callus?</p> <p>°How did you do between the fourth week and the sixth week for the callus after weighting?</p> <p>° Which callus have been weighted, those from seeds, explants or cotyledons?</p>	

Reviewer Details:

Name:	Kikakedimau Nakweti Rufin
Department, University & Country	Biology, CGEA/CREN-K (Commissariat Général à l', University of Kinshasa, Democratic Republic of the Congo