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Manuscript Number:	Ms_IJBCRR_30539
Title of the Manuscript:	Evaluation of Nephroprotective Activity of Aqueous and Hydroethanolic Extracts of Trema guineensis Leaves (Ulmaceae) Against Gentamicin-Induced Nephrotoxicity in Rats
Type of the Article	Original Research Article

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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	In line 116,117 cervical dislocation and retro-orbital puncture are against animal ethical committee Please, revise your statistics accurately There are controversies between data in figures and text Please, try to put D0 and D8 in different figures to be simple Discussion is poor and there is no comparison between your study and other related studies You should re-summarize your conclusion References need to be accurate, identical and in the same form according to the journal instructions Please, try to use reference managing program. Ethical Issues: In line 116,117 cervical dislocation and retro-orbital puncture are against animal ethical committee	We have considered your observations while <i>Trema guineensis</i> can not written as you suggest because it is a species name in latin. The samples blood was taken, considering the principles of blood sampling in laboratory rodents and rabbits for experimental purposes (Reference: OFFICE VETERINAIRE FEDERAL; information sur la protection des animaux). Statistical processing has been revised D8 and D0 were put in different figures We revised discussion, conclusion Cervical dislocation and retro-orbital animal puncture were not used. It is translation mistake
Minor REVISION comments	In line 9 replace "to determine" by "determined". In line 14 replace "on" by "of". In line 14 replace "powderon the" by "powder on". In line 21 replace "decoction" by "decocation". In line 25 replace "with" by "of". In line 25 replace "during" by "for". In line 26 replace "resulted" by "resulted in". In line 26 replace "cretonne" by "creatinine". In line 26, 28 replace "concentration" by "concentrations". In line 28 delete "were also". In line 28 replace "administering" by "administration". In line 31,32,33 replace "Moreover the aqueous extract (200 mg/kg body weight) and vitamin E restored to equal significance	It was corrected this was taken into account



	the toxic effect of gentamicin restoring in biochemical markers of kidney function evaluated" by "Moreover; the aqueous extract (200 mg/kg body weight) and vitamin E restored the toxic effect of gentamicin into equal significance. In line 35 delete "by". In line 35 replace "nephroprotectrive" by "nephroprotective". In line 37 replace "Côte d'Ivoire" by "Vitamin E". In line 40 replace "It" by "Its". In line 42 delete "and creatinine" by "creatinine" and delete materials, the. In line 43, 44, 45: replace "They are often subjected to high concentrations of potentially toxic external agents such as environmental chemicals and drugs by accumulating and producing broad spectrum of morphological and functional effects of kidney" by " They are often subjected to high concentrations of potentially toxic agents such as chemicals and drugs by accumulating and producing broad spectrum morphological and functional effects on the kidney" In line 46, 47 replace "Gentamicin, being one of the aminoglycosides, is a very important agent for the treatment of Gram-negative bacterial infections. However, its clinical use is limited by its nephrotoxicity" by "Gentamicin is one of the aminoglycosides; it is a very important agent for the treatment of Gram-negative bacterial infections. However; its clinical use is limited by its nephrotoxicity" Delete line 49, 50. In line 51 replace "Plants have always been an exemplary source of drugs" by "Plants are important source of drugs". In line 53 "economical" by "economic".	this was taken into account
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	In line 54 delete "the". In line 63 replace "aqueous and hydroethanolic extracts" by "aqueous and hydroethanolic extracts". In line 71 replace "obtained, constituted" by "obtained and constituted". In line 75, 76 "The filtrate was evaporated to dryness at reduced pressure at temperature of 40°C using a rotary evap orator" by "The filtrate was evaporated and dried at temperature of 40°C using a rotary evaporator". In line 86, 87 replace "Healthy adult Wistar albino rats (<i>Rattus norvegicus</i>) of both sexes between weighing about 150-200 g" by "Healthy adult Wistar albino rats (<i>Rattus norvegicus</i>) weighing between 150-200 g". In line 88 replace "home" by "house". In line 88 replace "Unity" by "Unit". In line 89 replace "The animals were housed according to environmental standards temperature of 26±1°C and r elative humidity 50±5% with 12 h light-dark cycle. The rats were fed with FACI® 91 (Fabrication d'Aliments de Cote d'Ivoire) pellets and their drink was tap water" by "The animals were housed according to environmental standard temperature of 26±1°C and relative humidity 50±5% with 12 h light-dark cycle. The rats fed with FACI® (Fabrication d'Aliments de Cote d'Ivoire) pellets and drank tap water". In line 112 delete "the". In line 113 replace "on" by "for".	this was taken into account this was taken into account
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	In line 116,117 cervical dislocation and retro-orbital puncture are against animal ethical committee. In line 117 replace "kidneyswere" by "kidneys were". In line 118 why you stored kidney samples in "aqueous Bouin"? In line 133 replace "serum evaluated" by "serum were evaluated". In line 134 replace "in" by "by". In line 134 replace "group" by "groups". In line 135 replace "changesin" by "changes in". In line 138 replace ";" by "but". In line 143 replace "have been" by "are". In line 147 replace "increase" by "increased" and delete "extracts". In line 177 replace "gentamicin-treated ratscompared to negative control group" by gentamicin-treated rats compared to negative control group". In line 210 delete "and excess necessary substances". In line 216 replace "both toxic chemicals and medication on the kidneys" by "as chemicals and some drugs". In line 228 replace "The serum creatinine concentration is the index most commonly used of the renal function" by "The serum creatinine concentration is an index of the renal function". In line 230 replace "Therefore" by "Therefore;".	this was taken into account this was taken into account
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	In line 235 replace "Gentamicin-administered rats (negative control group) had encountered acute kidney dysfunction as evidenced by elevation of blood urea and serum creatinine and low of total protein in serum" by "Gentamicin-administered rats (negative control group) had encountered acute kidney dysfunction as evidenced by elevation of serum urea and creatinine with low total protein in serum". In line 242 replace " However, this treatment with these extracts resulted in increased significant ($p < 0.001$) of serum total protein level in compared to the same control (Figure 3); this suggest that <i>Trema guineensis</i> contents would have protected the kidney tissue integrity" by " However; treatment with these extracts resulted in increased serum total protein levels significantly ($p < 0.001$) in comparison with control (Figure 3); this suggests that <i>Trema guineensis</i> contents protected the kidney tissue integrity". In line 244 delete "bypass". In line 256 delete "which would have damaged nephron" by "damaging effect". You should re-summarize your conclusion. In the whole manuscript replace "Trema guineensis" by "Trema Guineensis".	
<u>Optional/General</u> comments	In the whole manuscript replace "Trema guineensis" by "Trema Guineensis"	