

Review Form 1.6

Journal Name:	European Journal of Medicinal Plants
Manuscript Number:	Ms_EJMP_78124
Title of the Manuscript:	Aqueous extract of <i>A. boonei</i> bark reduces chronic hyperglycemia and prevents its complications through increase of hepatic global DNA methylation in diabetic Wistar rats
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:

(<https://www.journalejmp.com/index.php/EJMP/editorial-policy>)

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	<ol style="list-style-type: none"> 1. In abstract : please don't use abbreviation like SOD without explanation between brackets. 2. Page 3 line 3 '<u>many studies</u> have shown their (Filipa et al., 2020)' you mention one study only. So, may be better to be changed to recent study.... 3. Page 4 in study design 'HF-STZ' abbreviation without explanation. 4. Page 4 you wrote 'STZ administration.'" How do you know that the rat develop type 2 DM rather than type 1 DM ? especially that the STZ causing damage to pancreatic beta cells. 5. Page 4 ; you wrote 'After twenty-four hours, the blood glucose level of the rats was assessed....' Is the hepatic hypomethylation and dyslipidemia develop in 24 hour? 6. Page 5 why diabetic rats receiving AEAB of 200mg/kg bw and 400mg/kg bw such a dose ? 7. Page 6 the formula: %5mC had no reference. 8. Page 13 (compared to untreated group <u>of</u> reference group) you may mean untreated group <u>or</u> reference group 	
Minor REVISION comments		
Optional/General comments		

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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>	

Reviewer Details:

Name:	<i>Nihad Abdallah Selman</i>
Department, University & Country	<i>University of Babylon, Iraq</i>