

Review Form 1.6

Journal Name:	European Journal of Medicinal Plants
Manuscript Number:	Ms_EJMP_84356
Title of the Manuscript:	Effect of Asparagus africanus on Glucose Level and Antioxidant Enzymes Activities in Liver of Streptozotocin-induced diabetic Wistar rats: Antidiabetic study
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	1. Plz mention significant value in abstract for lipid Peroxidation. 2. Write animal ethics committee approval number for animal studies. (It is mandatory. You are not allowed to animal work and publish the research paper without approval) 3. please mention name of applied blood withdrawal technique on day 0, 4, 7, 10, 14, 18 and 21 in streptozotocin-induced diabetic Wistar rats	1. The significant value is mentioned and highlighted in yellow. 2. The approval number is written and highlighted in yellow. 3. The blood withdrawal technique is mentioned and highlighted in yellow.
Minor REVISION comments	1. Plz recheck statistics software name and reference pattern (as per publication guidelines). 2. Plz mention use wavelength for GSH and LPO estimation. If possible mention formula of GSH and LPO estimation.	1. The statistics software name and reference are mentioned and highlighted in yellow. 2. We have mentioned the wavelengths and highlighted in yellow.
Optional/General comments	1. Point 2.2. justify direct application of aqueous extraction because succussive defatting extraction is preferable to get polyphenolic compounds(to increase pure and potent Antioxidant compound) and avoid mixture compound. 2. As per standard statistics methods, 6 animals should be use in each group. Justify use of 5 animals in each group in your animal studies. 3. Give Supportive measure for tail vein method to collect blood.	1. We used aqueous extract because in some traditional medicine, the aqueous extract is used for the treatment and management of diabetes. 2. We used five animals in each group because in some published research works, five experimental animals are in a group. We have also written the reference for studies that used five animals in a group in the methods section. 3. Blood was collected from tail vein because there are reports from studies that blood collection from the tail vein causes minimal pain or invasiveness, without anesthesia and it also minimize stress response resulting from blood sample collection. The reference is also written in the method section.

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PART 2:

	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)
Are there ethical issues in this manuscript?	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	