

Review Form 1.7

Journal Name:	International Journal of Biochemistry Research & Review
Manuscript Number:	Ms_IJBCRR_103701
Title of the Manuscript:	POTENTIAL OF SOYBEAN (Glycine max) ON MUSCLE TISSUE STRUCTURE AND LACTIC ACID LEVELS OF WISTAR RATS
Type of the 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://journalijbcr.com/index.php/IJBCRR/editorial-policy>)

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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 1. Is the manuscript important for scientific community? (Please write few sentences on this manuscript) 2. Is the title of the article suitable? (If not please suggest an alternative title) 3. Is the abstract of the article comprehensive? 4. Are subsections and structure of the manuscript appropriate? 5. Do you think the manuscript is scientifically correct? 6. Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form. <u>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</u>	<p>The study is very informative and important. This research can provide valuable insights on the potential role of Glycine max and vitamin B1 in the recovery of muscle fatigue/ reduction in lactic acid levels in rats as well as in humans. This is a comparison study between the natural soybean and synthetic compounds which shows that natural soybeans are potentially more effective than the synthetic compounds. They are also cost effective with no side effects such as necrosis etc. There are few suggestions that might help to improve the manuscript quality.</p> <p>I will suggest to change the manuscript title as; POTENTIAL EFFECT OF SOYBEAN ON MUSCLE FATIGUE AND LACTIC ACID LEVELS IN WISTAR RATS.</p> <p>Abstract is comprehensive. Correct this sentence in abstract section, The current study was aimed to analyze the potential effect of Glycine max on the structure of muscle tissue/ muscle fatigue and lactic acid levels in Wistar rats. Restructure the last sentence in the abstract. The conclusion that..... In keywords, add Wistar rats and muscle fatigue instead of muscle structure.</p> <p>Should be formatted according to the requirements of the journal.</p> <p>Most of the references are updated. No need for additional references.</p> <p>The sentence is incomplete in the last part of introduction section, complete or restructure the sentence; The use of soybeans to reduce lactic acid levels and muscle fatigue? In introduction section, mention before the aim of the study, to test or investigate whether the glycine max/ thiamine has a potential role in the recovery of muscle fatigue and reducing lactic acid levels .</p>	
Minor REVISION comments 1. Is language/English quality of the article suitable for scholarly communications?	The manuscript contains some typo errors such as strunggling is used many times, instead of struggling. Complete some incomplete sentence or restructure them and read the manuscript once.	
Optional/General comments	I will suggest to mention about soybean importance related to the recovery of fatigue in humans, as most of Lab experiments/ tests are performed on model animals to correlate them with benefits and treatment for humans. Provide some literature on the treatment of muscle fatigue using soybean in your country. Mention the importance of Thiamine (vitamin B1) /Soybean in treating other diseases besides muscle fatigue. As this will help to show more importance of your research to the readers. Add few recommendations for future research on this area, after the conclusion.	

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>	

Reviewer Details:

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