

Review Form 3

Journal Name:	Journal of Advances in Biology & Biotechnology
Manuscript Number:	Ms_JABB_120973
Title of the Manuscript:	Hepatoprotective Effects of Piperine on Thioacetamide-Induced Hepatotoxicity in Rats: A Lipid Profile Analysis
Type of the Article	Original Research Article

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PART 1: Review Comments

Compulsory REVISION comments	Reviewer's comment	Author's Feedback (Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
<p>Please write a few sentences regarding the importance of this manuscript for the scientific community. Why do you like (or dislike) this manuscript? A minimum of 3-4 sentences may be required for this part.</p>	<p>The deterioration of the functional state of the liver can be considered a feature of modern population health, which is caused by a combination of exogenous and endogenous factors. Liver damage is one of the most common disorders, it almost always acts as a comorbidity and affects the effectiveness of therapy for other diseases. The problem of using hepatoprotectors for the treatment of liver damage is relevant and requires the attention of pharmacologists and clinicians. Hepatoprotectors of plant origin have potential anti-inflammatory, antioxidant, detoxifying, and membrane stabilizing effects.</p> <p>According to leading clinicians, in most nosologies and clinical situations, hepatoprotectors are only of secondary importance, as they do not improve the course of liver disease, although they do reduce mortality somewhat. Undoubtedly, hepatoprotectors are most often used to treat various liver diseases, but the feasibility of their use should be considered after resolving the issue of etiotropic therapy (drug and/or non-drug) and always remember the polypharmacy and the principle of the body's resistance to drugs, especially when it comes to complex and multicomponent herbal remedies, the role of which in the development and progression of toxic liver damage has recently been revised.</p>	
<p>Is the title of the article suitable? (If not please suggest an alternative title)</p>	<p>The title of the manuscript is quite adequate for the content of the chosen experimental investigation.</p>	
<p>Is the abstract of the article comprehensive? Do you suggest the addition (or deletion) of some points in this section? Please write your suggestions here.</p>	<p>The abstract is quite informative and contains the main points of the manuscript. But there are suggestions for improvement. My suggestions are marked in yellow in the text of the manuscript.</p>	
<p>Are subsections and structure of the manuscript appropriate?</p>	<p>The subdivisions and structure of the manuscript are quite appropriate. But there are suggestions for improvement on my part, marked in yellow in the text of the manuscript. These are my suggestions, the author has the right to decide which option to keep.</p>	
<p>Please write a few sentences regarding the scientific correctness of this manuscript. Why do you think that this manuscript is scientifically robust and technically sound? A minimum of 3-4 sentences may be required for this part.</p>	<p>The liver is a real hard worker. It performs more than 500 functions in the body. Many factors, both exogenous and endogenous in modern human life, can provoke a violation of the functional state of this extremely important organ. Therefore, the protection of the liver parenchyma is always relevant, and the study of new hepatoprotective agents, especially those of plant origin, is a promising area in pharmacology and medicine. The development of new drugs that stabilize the functional state of the liver and hepatobiliary system is a solution to the problems of modern approaches to pharmacocorrection of pathological conditions caused by hepatocyte destruction caused by various hepatotoxic agents.</p>	
<p>Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.</p>	<p>The literature used is current recent, there are some references outdated, but this is acceptable for experimental work.</p>	
<p>Minor REVISION comments</p> <p>Is the language/English quality of the article suitable for scholarly communications?</p>	<p>The language and quality of the English of the manuscript is suitable for scientific communications.</p>	
<p>Optional/General comments</p>	<p>Throughout the manuscript, I have corrected some points to improve the quality of the publication. They are marked in yellow. The author, exercising his right, may accept or reject them.</p>	

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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:	Seniuk Igor
Department, University & Country	National University of Pharmacy Kharkiv, Ukraine