



SDI Review Form 1.6

Journal Name:	Asian Journal of Biotechnology and Bioresource Technology
Manuscript Number:	Ms_AJB2T_46285
Title of the Manuscript:	EFFECT OF TRAMADOL TREATMENTS ON TESTICULAR INTEGRITY IN ALBINO 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:

(<http://www.sciencedomain.org/page.php?id=sdi-general-editorial-policy#Peer-Review-Guideline>)

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	The original value of the article subject can be mentioned.	Done and highlighted
Minor REVISION comments	Write type size in the abstract should be the same in all text.	Done
Optional/General comments	Glutathione is secreted from the liver to reduce the toxic effect of many drugs, such as tramadol. When the amount of glutathione is not enough when the dose is high, toxic effects occur. Therefore, the histological examinations of the liver tissues of T2 group would support the result. If large chemical structures in the drugs are conjugated, excretion from the kidneys will be easier. Histological, cytological changes in the kidneys of the nutritional substance can be controlled with substances that will be conjugated with this molecule. The effect of these drugs on the dna mutation in the changes in Leydig cells and epididymis could be supported by quantitative gene expression studies of androgen and FSH hormones.	This will be captured in subsequent studies. Done

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?	(If yes, Kindly please write down the ethical issues here in details)	