



SDI Review Form 1.6

Journal Name:	Journal of Advances in Medical and Pharmaceutical Sciences
Manuscript Number:	Ms_JAMPS_44823
Title of the Manuscript:	NF-κB, TNF-α and IL-6 levels in Liver and Kidney of High-Fructose-Fed 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:

(<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	Study is suitable for publication. What are the authors views about mechanism of action of fructose which leads to an increase in these pro inflammatory cytokines which in turn cause oxidative stress.	Thank you for your comment. We didn't determined to oxidative stress parameters in this study. However, we studied to cytokines, fructose and oxidative stress our prev.ous studies. We can say that MDA increase was associated with fructose having a reducing effect on cellular energy as well as its capability to increase cellular sensitivity to lipid peroxidation during catabolism. Oxidative stress and inflammation play an important role in the pathophysiology of many chronic diseases. High levels of fructose into the liver can increase hepatic mitochondrial oxidative activity and lead to the formation of reactive oxygen species that induce the release of inflammatory cytokines and the increase in adipose tissue due to high fructose consumption is one of the most important causes of the secretion of inflammatory cytokines in the systemic circulation.
Minor REVISION comments		
Optional/General comments		

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) Has ethical clearance been taken for animal use	The experimental protocol was approved by the Ethics Committee of Ataturk University.