



SDI Review Form 1.6

Journal Name:	Journal of Advances in Medicine and Medical Research
Manuscript Number:	Ms_JAMMR_41216
Title of the Manuscript:	THE EFFECT OF INDUCERS AND INHIBITORS OF MONOOXYGENASE ON THE ACTIVITY NITRERGIC SYSTEM IN THE MICROSOMES IN THE ISCHEMIC LIVER
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:

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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	<p>1- The manuscript described the effect of benzonal and cimetidine on the activity of NOS in the liver microsomes. The present study needs more investigations on drug-metabolizing enzymes especially cytochrome P450 in liver microsomes to give an evidence for induction or inhibition after administration of benzonal and cimetidine.to rats.</p> <p>2- Authors mentioned that "However, in the literature there is practically no data on the effect of inducers and inhibitors of drug metabolism on the activity of NOS in microsomes isolated from hepatocytes in the development of liver pathological process". This is not true,Please see the following citation: Renaud et al.,Biochem Biophys Res Commun. 1993 Apr 15;192(1):53-60.</p> <p>3- Authors mentioned in lines 68-75 that"ln microsomes, resuspended in 100 mM Tris - HCl buffer; pH 7.4 was evaluated activity of monooxygenase system that content ocytochromes P-450, P-420, and b5 by classic method of T. Omura, R. Sato (1964), the activity of NADPH-reductase (NADPH-op.-ed.) by C. H. Williams,H. Kamin (1961), benzo(α)pyrene hydroxylase (B(a)PG) by C. H. Yang,L.P.Kicha (1978). Aniline hydroxylase (AG) by A. I. Archakov et al. (1975), N demethylase amidopyrine (N-AP) by A. Bast, J. Nordhosck (1981), glucose-6-phosphatase (G-6-Phase) by N. S. Gnosh, N. C. Kar (1983)". No data were included regarding these enzymes. I have found Table 1 only included in the manuscript.</p>	
Minor REVISION comments		
Optional/General comments		

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