



SDI Review Form 1.6

Journal Name:	Journal of Advances in Medical and Pharmaceutical Sciences
Manuscript Number:	Ms_JAMPS_37768
Title of the Manuscript:	Effects of citrus limon juice on serum Bilirubin, High Density Lipoprotein and Low Density Lipoprotein in adult male wistar rats under variable models of stress
Type of the Article	Original Research Article

General guideline for Peer Review process:

PART 1: Review Comments

	Reviewer's comment	Author's comment (if agreed with reviewer, corrects the manuscript and highlights that part in the manuscript. It is mandatory that authors should write his/her feedback here)
Compulsory REVISION comments	In the title it says "Citrus Limon Juice" – What is that? Also it should "in" male rats not on - L 33- should be in experimental animals - The introduction should be expanded a bit - Write about other plant extract that could lower cholesterol and LDL etc. see the ref below - Rangika, BS, Dayananda D. Peiris LDC (2015). Hypoglycemic and hypolipidemic activities of aqueous extract of flowers from <i>Nyctanthes arbor-tristis</i> L. in mice. BMC complementary and Alternative Medicine. 15 (289); Article ID: 10.1186/s12906-015-0807-0. - And then indicate the medicinal values of Limon juice - Please indicate your objectives clearly and also write about Citrus - There are lots of grammatical mistakes please get a native English speaker to correct the manuscript - What were the animal house conditions?	- Reviewers comments accepted and corrections effected accordingly. Citrus Limon Juice is "The squeezed watery fluid (juice) from the <i>Citrus limon</i> fruit" Line 33 comments Accepted and corrected The introduction has been expanded as highlighted in the main work Other plants with lowering effects on cholesterol and LDL include; <i>Moringa oleifera</i> , <i>Phyllanthus. reticulatus</i>, <i>Ferulago angulate</i>, <i>Zingiber officinale</i> as edited and highlighted in the main work The medicinal values include; Antioxidant and antinociceptive, antimicrobial, antibacterial, antifungal, antidiabetic, anticancer and antiviral activities as edited in the main work. Objectives of the study: This study was undertaken to analyse the effects of citrus limon fruit juice in rats under variable models of stress. It will specifically determine effects of citrus limon juice on plasma bilirubin high density lipoproteins (HDL) and low density lipoproteins (LDL) in stressed animals so as to evaluate whether the administration of citrus limon juice could be beneficial in the management of stress and hyperlipedemia. Citrus: Citrus limon tree is a small evergreen tree native to Asia that produces citrus limon fruit. It is a perennial tree of the citrus family- Rutaceae. It grows up to 3m. Lemon fruit is oval with a broad, low, apical nipple and 8 to 10 segments. The juice of the lemon is about 5% to 6% citric acid, which gives lemon a sour taste. The outer rind or peel is yellow when ripe and rather thick in some varieties, is prominently glandular-dotted. Grammatical errors corrected - The animals were kept for a two weeks period for acclimatization in a standard animal house of the faculty and were maintained in standard iron cages under standard laboratory and environmental conditions of light. They were fed with standard rat chow and water <i>ad libitum</i>. The animals were handled in compliance with the guidelines approved by the institution's Ethics Committee.
Minor REVISION comments		



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<u>Optional/General</u> comments		