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Journal Name:	International Journal of Biochemistry Research & Review
Manuscript Number:	2015_IJBcRR_16387
Title of the Manuscript:	IN VITRO AND IN VIVO EFFECT OF QUERCETIN ON HEPATOCYTE TRANSMEMBRANE N⁺, K⁺- ATPase ACTIVITY IN RATS
Type of the Article	Original Research Article

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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.

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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	The article is well written but there are some comments on this article: ABSTRACT: At line-9 of the abstract, "main groups of male Wistar weighing" should be corrected to "main groups of male Wistar rats weighing". At line-11 of the abstract, "with quercetin 50 mg/kg (once/day)" should be corrected to " with quercetin 50 mg/kg body weight (once/day)". At line-13 of the abstract, "was assayed after days of quercetin administration" How many days are? INTRODUCTION: At line-28, "the dividing force" should be corrected to "the driving force". At line-31, intracellular PH" should be corrected to "intracellular pH". MATERIAL AND METHODS: At line-94, "at 40C" should be corrected to "at 4 °C".	Thanks for your this comment Effectuated Effectuated Already mentioned at line 11 (5 days) Effectuated Effectuated Effectuated Effectuated



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	RESULTS AND DISCUSSION: At line-170, "routes of administration quercetin" should be corrected to "routes of quercetin administration". At line-180, "compared to with intraperitoneal" should be corrected to "compared to intraperitoneal" REFERENCES: At line-195, the italic sentence "<i>Anna Rev Biochem</i> 2002" should be corrected to "Anna. Rev. Biochem. 2002". At line-196, "Beggoch A. and Good P." should be corrected to "Beggoch A, Good P.". At line-196, "et al" should be replaced with "Girardet S, Roy S, Schaer D, Jaunin P.". At line-197, "Functional interation" should be corrected to "Functional interaction". At line-198, the italic sentence "<i>J Cell Biol</i> 1996" should be corrected to "J. Cell Biol. 1996". At line-200, the italic sentence "<i>Biochimica et Biophysica Acta</i> 1993" should be corrected to "Biochimica et Biophysica Acta. 1993". At line-202, the italic "<i>J Biol Chem</i> 1994" should be corrected to "J. Biol. Chem. 1994".	Effected Corrections made to all italic sentences and other corrections effected.
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	At line-203, <i>ATPase J Biol Chem</i> 1994" should be corrected to "ATPase. J. Biol. Chem. 1994". At line-206, "microscopy <i>Cell Mol Biol</i> 1995" should be corrected to "microscopy. Cell Mol. Biol. 1995". At line-207, the italic "<i>Am J Physiol Gastrointest Liver Physiol</i> 1982" should be corrected to "Am. J. Physiol. Gastrointest. Liver Physiol. 1982". At line-209, "the knew face" should be corrected to "the new face". At line-210, "<i>Biochem Phaemacol</i> 2003" should be corrected to "Biochem. Pharmacol. 2003". At line-212, "<i>Acta Physiol</i> 2006" should be corrected to "Acta Physiol. 2006". At line-214, "<i>Neurosci Biobehav Rev</i> 1996" should be corrected to "Neurosci. Biobehav. Rev. 1996". At line-217, Dietetics should be corrected to Diabetics. At line-219, "<i>J Auton Nerv Syst</i> 1987" should be corrected to "J. Auton. Nerv. Syst. 1987". At line-222, "<i>Food Chem Toxicol</i> 2007" should be corrected to "Food Chem. Toxicol. 2007". At line-227, "<i>J Am Chem Soc</i> 1994" should be corrected to "J. Am. Chem. Soc. 1994".	
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	At line-229, "<i>Methods Enzymol</i> 1994" should be corrected to "Methods Enzymol. 1994". At line-231, dlavonoids should be corrected to flavonoids. At lines-231, 232, "<i>Free Radical Res.</i>" Should be corrected to "Free Radical Res.". At line-234, "<i>Exp Toxicol Pathol</i> 2011" should be corrected to "Exp. Toxicol. Pathol. 2011". At line-236, "et al" should be replaced with "Elis A, Aviram M." . At line-239, "<i>Arterioscler Throm Vasc Biol</i> 1997" should be corrected to " Arterioscler. Throm. Vasc. Biol. 1997". At line-242, "<i>Biochim Biophys Acta</i> 2004" should be corrected to "Biochim. Biophys. Acta. 2004". At line-244, "in rats <i>Exp Toxicol Pathol</i> 2010" should be corrected to "in rats. Exp. Toxicol. Pathol. 2010". At line-246, "<i>Cell Mol Biol</i> 2012" should be corrected to "Cell Mol. Biol. 2012". At line-248, "<i>TPI Journal</i> 2014" should be corrected to "TPI Journal. 2014". At line-252, "<i>Asian J Biomed Pharma Sci</i> 2014" should be corrected to "Asian J. Biomed. Pharma. Sci. 2014".	
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	At line-255, "<i>Current Alzheimer Res</i> 2014" should be corrected to " <i>Current Alzheimer Res.</i> 2014". At lines-257, 258, "<i>Journal Biol Chem</i> 1925" should be corrected to "J. Biol. Chem. 1925". At line-260, "<i>Journal Biol Chem</i> 1951" should be corrected to "J. Biol. Chem. 1951". At line-262, "<i>Mutat Res</i> 1980" should be corrected to "Mutat. Res. 1980". At line-264, "<i>Roc Natl Acad Sci USA</i> 1980" should be corrected to "Proc. Natl. Acad. Sci. USA. 1980". At line-266, "<i>Biochem J</i> 1987" should be corrected to "Biochem. J. 1987".	
<u>Minor</u> REVISION comments	No	
<u>Optional/General</u> comments	No	