



SDI Review Form 1.6

Journal Name:	Journal of Pharmaceutical Research International
Manuscript Number:	Ms_JPRI_39326
Title of the Manuscript:	The protecting effect of vitamin E against chromosomal damages induced by extremely low frequency electromagnetic field on bone marrow erythrocytes of male BALB/c mouse
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	<p>In Ms_JPRI_39326, titled: "The protecting effect of vitamin E against chromosomal damages induced by extremely low frequency electromagnetic field on bone marrow erythrocytes of male BALB/c mouse" the authors present only one experimental data, which although interesting should be taken as a starting point for a more in-depth investigation to demonstrate the harmful effects of ELEM and the protective effects of Vit.E.</p> <p>1) As a first point, the authors should explain the choice of exposure times and why the Vitamin dose of 200 mg / kg was chosen. Have investigations been carried out at higher or lower doses than that chosen? Has a dose response curve been made?</p> <p>2) After the irradiation the damage is recovered or is it progressive?</p> <p>3) to support the observations obtained from the survey conducted by the authors, further analysis would be advisable, such as:</p> <p>a) tests on cell viability and proliferation</p> <p>b) check whether the ubiquitination process is activated</p> <p>c) find which markers of oxidative stress are activated by ELEM treatment</p> <p>d) verify the activation of apoptotic processes and evaluate how many cells go into apoptosis.</p> <p>It is also necessary to provide the legend of the figure, to format the text with a single font, to correct the formatting of the bibliography and finally to correct the numerous typos in the text.</p>	<p>1. According to referrals, this dose was chosen Sach as: Ouanes Z, Abid S, Ayed I, Anane R, Mobio T, Creppy EE, Bacha H. Induction of micronuclei by Zearalenone in Vero monkey kidney cells and in bone marrow cells of mice: protective effect of Vitamin E. Mutat Res. 2003; 8;538(1-2):63-70</p> <p>2. after irradiation damage is progressive</p> <p>3. Unfortunately, it is not possible to study tests now. Your helpful suggestions will be done in another time</p>
Minor REVISION comments		
Optional/General comments		