



## SDI Review Form 1.6

### **PART 1:**

Journal Name:	<a href="#">British Journal of Medicine and Medical Research</a>
Manuscript Number:	<b>MS: 2012 BJMMR 2821</b>
Title of the Manuscript:	<b>Changes in Some Testicular Biometric Parameters and Testicular Function in Cadmium Chloride Administered Wistar Rats</b>

**General guideline for Peer Review process is available in this link:**

**(<http://www.sciencedomain.org/page.php?id=sdi-general-editorial-policy#Peer-Review-Guideline>)**

- This form has total 9 parts. Kindly note that you should use all the parts of this review form.



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### **PART 2: 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)
<b><u>Compulsory</u></b> REVISION comments	<p>The authors showed that the exposure of rat to cadmium chloride induces the changes in testicular biometric parameters, including kidney weight and volume, and testicular functions, including sperm count, morphology and serum testosterone level. They also concluded that these changes in the testicular biometric parameters and testicular functions are positively correlated. However, the manuscript presents some issues that should be carefully revised.</p> <p>1. The exposure level of environmental pollutants is important for considering the cadmium poisoning. How did authors selected the cadmium chloride dose in this study? The reason for it is necessary.</p> <p>2. In addition, the author should show cadmium concentrations in the testis and the relationship between the cadmium concentration and testicular biometric parameters. The study of cadmium concentration in the testis will help to understand the mechanism of cadmium-induced testicular damages.</p> <p>3. It is well known that cadmium cause testicular damages in animal model. Various studies have also demonstrated that cadmium causes disruption of the vascular system in the testis and blood-testis barrier. Were testicular damages, such as testicular hemorrhages and histopathological changes observed in this study?</p>	



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<b><u>Minor</u></b> REVISION comments	<p>1. The authors analyzed their data using by Student t-test. I recommended that the statistical analysis should be performed using a one-way ANOVA and a post-hoc test.</p> <p>2. There are not few references, for example, Page 1, line No. 33, Waisberg et al. (2003); Page 2, line No. 40, Benoff et al. (2000); Page 7, line No.149, Redkha et al. (2011).</p>	
<b><u>Optional/General</u></b> comments		

**Note: Anonymous Reviewer**