



SDI Review Form 1.6

Journal Name:	<u>British Journal of Applied Science & Technology</u>
Manuscript Number:	2014_BJAST_15000
Title of the Manuscript:	Alteration in the balance between type 1 and type 2 immune responses among lead exposed population
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>)



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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	Introduction and Background: There are some typographical errors: At the first paragraph, "Goyer, 2001" must be corrected to "Goyer and Clarkson, 2001". At the second paragraph, the reference "Dietert and McCabe Jr., 2007 " must be corrected by deleting Jr. to "Dietert and McCabe, 2007". Also at the third paragraph, Jr. must be deleted from the reference "Dietert and McCabe Jr., 2007". At the last sentence of this paragraph, "as regards the effects in environmentally exposed populations" should be corrected to "regarding the effects of environmental exposure of populations to lead on the immune system".	Typographic errors in Introduction and Background section were corrected in the revised manuscript.



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	Subjects and Methods: At the second paragraph, the author showed that the age range was from 19 to 26 years, but he showed also that the mean value of 39.94 years, which is significantly higher than the range (19-26 years); the author must explain this discrepancy. At the fourth paragraph, the author must correct "plasma levels of IL-4 and IFN-γ" to "serum levels of IL-4 and IFN-γ". At the end of the heading "Subjects and Methods", the author should mention the types of the statistical tests under a new subheading of "Statistical analysis", as the following: Statistical analysis: Data were presented as the mean $\pm$ standard deviation (SD) values. Statistical comparisons between the two groups were performed with e.g. Student's t test, while the correlations between the blood lead level and the levels of serum IL-4 and IFN-γ were performed with the Pearson's correlation test. All analyses were performed using a statistical package program (SPSS version 15). $P < 0.05$ was considered as statistically significant. Results and Discussion: In the first sentence at the first paragraph, the sentence "as regards blood lead level"	• Range mentioned was a typographic error and is corrected to (19-62) in the revised manuscript.. • "Plasma levels of IL-4 and IFN-γ" corrected to "serum levels of IL-4 and IFN-γ" in the revised manuscript. • "Statistical analysis" paragraph was created in the revised manuscript. Typographic errors in Results and Discussion section were corrected in the revised manuscript.
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	should be corrected to "regarding the blood lead level". Kaminska et al., 1998 should be corrected to Kaminska et al (1998). Also, Hemdan et al., 2005, at the beginning of the third paragraph, should be corrected to Hemdan et al (2005). Also, at this paragraph, the word tumor in the sentence "and tumor necrosis" is written in another font different from or smaller than the other words of this sentence and its font must be corrected. At the beginning of the fifth paragraph, Yucesoy, et al., 1997 should be corrected to Yucesoy et al (1997). At the sixth paragraph, the word produced is written in a small font and its font must be corrected. In the first sentence at the seventh paragraph, the word agreeing should be corrected to consistent to be the sentence "The results of the present work and the previously mentioned consistent studies". The sentence "Goebel and colleagues, 2000" should be corrected to "Goebel et al (2000)". At the beginning of the eighth paragraph, the words Mishra et al., 2003 should be corrected to Mishra et al (2003). At the beginning of the ninth paragraph, two sentences are written in bold letters and must be corrected to fine letters. In the sentence "whereas, in Goebel and colleagues" the letters are written in bold letters and must be corrected to fine letters. References:	
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	In the second reference, commas of the reference " Chen, S., Golemboski, K.A., Sanders, F.S., and Dietert, R.R." must be deleted to be "Chen S., Golemboski K.A., Sanders F.S., and Dietert R.R.". In the seventh reference, there are two authors missing and should be added to be "Massry A., Ghoneim H., Lehman J., and Sack U.". In the eighth reference, a dot point must be added between the words "in vitro" and "Archivum".	References were originally written in APA style. However, are now corrected in the revised manuscript to match the journal's style as shown in "General Guidelines for Authors" on http://www.sciencedomain.org/page.php?id=general-guideline-for-authors
<u>Minor</u> REVISION comments	The ethical committee by which the experimental protocol was approved and the guide for the care and use of subjects should be mentioned.	The ethical committee by which the experimental protocol was approved was mentioned in the revised manuscript