

## Review Form 1.6

Journal Name:	<a href="#">Asian Journal of Biochemistry, Genetics and Molecular Biology</a>
Manuscript Number:	Ms_AJBGMB_85820
Title of the Manuscript:	EFFECT OF TEA AND COFFEE CONSUMPTION ON BLOOD LEVELS OF SOME HEAVY METALS AND TRACE METALS
Type of the Article	Original Research 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:

(<https://www.journalajbgmb.com/index.php/AJBGMB/editorial-policy> )

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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)
<b>Compulsory</b> REVISION comments	<p><b>Abstract</b> The introductory statements are not necessary. The abstract should be started from the statement... In the present study...</p> <p><b>Introduction</b> *The first sentence of the fourth paragraph looks out of place. *The last paragraph of the introduction section seems to be a part repetition of the information in the first and second paragraphs.</p> <p><b>Materials and methods</b> *There was no mention of ethical approval nor institution that issued it. *Age range for coffee test group was stated why that for tea wasn't captured. Also, why was control chosen to be 17-30. *Demographic data obtained was not captured in the results nor as additional information.</p> <p><b>Sample collection</b> <b>Methods of analysis of serum heavy metals and trace metals</b> *The third statement (... reference values...Awka) should be expunged, except springboard diagnostics Awka is an internationally recognized authority in this area of study *What spectrophotometer was specifically used: Varian AA240AAS or FS240AA Agilent AAS.</p> <p><b>Results</b> *Significant differences are not highlighted in the tables. *Why were comparisons not done at a single p-value (e.g. 0.05) in tables 1-3 contrary to the last statement in statistical analysis section. *Lower 95% C.I and upper 95% C.I should be expunged from the tables to conserve article space (tables 1-3).</p>	
<b>Minor</b> REVISION comments	AAS is a standard method hence the whole section should be summarized. E.g. mention the metals determined, machine model, and conclude with a sentence such as Heavy metals concentrations were then determined following manufacturer's specifications.	
<b>Optional/General</b> comments	<p>*Working principle of AAS should be expunged.</p> <p>*Methods of serum heavy metals and trace metals could be expunged</p> <p>*How does anthropometry relate to the work?</p>	

**PART 2:**

	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)
Are there ethical issues in this manuscript?	<u>(If yes, Kindly please write down the ethical issues here in details)</u>	

**Reviewer Details:**

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