**Journal Name:** Journal of Complementary and Alternative Medical Research

**Manuscript Number:** Ms_JOCAMR_30315

**Title of the Manuscript:** LONG TERM CONSUMPTION OF COCONUT OIL DIET INCREASED ANXIETY RELATED BEHAVIOUR IN CD1 MICE

**Type of the Article:** Original Research Article

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**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:

### SDI Review Form 1.6

**PART 1: Review Comments**

<table>
<thead>
<tr>
<th>Reviewer’s comment</th>
<th>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)</th>
</tr>
</thead>
</table>
| **Compulsory** REVISION comments | This manuscript requires major English language copyediting. The abstract appears to have so many results. It should only focus on the main points. The abstract requires restructuring in general and should be rewritten to appear representative of the entire manuscript.  

What is the main reason behind choosing 32 days as stated in the abstract?  

In the introduction, it is unclear as to what is the difference between coconut oil and virgin coconut oil?  

The introduction appears to be long and does not support the overall goal or significance of the study. The authors should instead emphasize on previous studies regarding anxiety and the effect of coconut oil. What were the previous studies done? What is the novelty of the study? There seems to be no synthesized literature regarding the relationship between coconut oil and anxiety studies. The manuscript should mention this. What is the overall implication of this study in humans?  

It seems awkward to have a subsection entitled “Statement of the problem and aim of study.” I have never encountered this kind of subsection heading before. I recommend that this be removed and include as part of the introduction. |
In the materials and methods, what is considered standard laboratory conditions for raising mice? Can you please provide a reference for this? It is unclear on what is meant by testing the mice for 5 mins in an open field apparatus. How often is this kind of testing done in a day and why?

For the behavioral assay, it is suggested that the manuscript should provide a diagram so that readers can visualize the different tests performed.

The behavior scores and other scoring system to obtain the results should be explained, and whenever equations and statistical analyses are utilized, these should explicitly stated in the manuscript.

The results should have a single table organizing all the different results gathered. This will facilitate the readers in capturing the most important points.

Please indicate where the mice were purchased?

**Minor** REVISION comments

The acronym as well as the full name of the acronym should be provided upon first introduction (e.g. coconut oil (CO)).

**Optional/General** comments

Reviewer Details:

<table>
<thead>
<tr>
<th>Name</th>
<th>Gerard G. Dumancas</th>
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<tbody>
<tr>
<td>Department, University &amp; Country</td>
<td>Department of Mathematics and Physical Sciences, Louisiana State University - Alexandria, USA</td>
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Created by: EA

Checked by: ME

Approved by: CEO

Version: 1.6 (07-06-2013)