

## Review Form 1.7

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|--------------------------|---|
| Journal Name:            | <b>Asian Journal of Research and Reports in Endocrinology</b>   |
| Manuscript Number:       | <b>Ms_AJRRE_96274</b>   |
| Title of the Manuscript: | <b>The Relationship Between Older Adults with Type 2 Diabetes, Depression, and Dementia: The Role of Inflammation</b> |
| Type of the Article      | <b>Original Research Article</b>  |

### 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.journalajrre.com/index.php/AJRRE/editorial-policy> )

### 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) |
|--|--|---|
| <p><b>Compulsory</b> REVISION comments</p> <p>1. <b>Is the manuscript important for scientific community?</b><br/>(Please write few sentences on this manuscript)</p> <p>2. <b>Is the title of the article suitable?</b><br/>(If not please suggest an alternative title)</p> <p>3. <b>Is the abstract of the article comprehensive?</b></p> <p>4. <b>Are subsections and structure of the manuscript appropriate?</b></p> <p>5. <b>Do you think the manuscript is scientifically correct?</b></p> <p>6. <b>Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.</b></p> <p><b>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</b></p> | <p>Yes<br/>Yes<br/>Yes<br/>Yes<br/>Yes<br/>Yes</p> <p>The Study observes relevance, however I understand that some points should be considered. The study initially scores the target population with emphasis on the elderly, however, it observes in the sample an age range with relevance for ages over 18 years. I believe that without prejudice to the Study, reducing this amplitude for the older age group would make the study less susceptible to age factor bias. I missed an instrument to assess the level of physical activity of the evaluated, since the biochemical markers were the ones that expressed greater significance in the comparative process of the two groups, with and without depression. We know that the level of Physical activity is directly associated with the biochemical markers targeted by the research. Socio-environmental aspects were also little explored and I understand that they are important dimensions in the understanding of depressive conditions. In general, the question to be investigated in the Study is very relevant, but I see methodological limitations that should be made explicit in the body of the work. It is clear that phenotypic and multifactorial aspects are relevant in understanding the target association of the Study.</p> |   |
| <p><b>Minor</b> REVISION comments</p> <p>1. <b>Is language/English quality of the article suitable for scholarly communications?</b></p>   | Yes  |   |
| <p><b>Optional/General</b> comments</p>  | The reduction of the sample universe from 200 to 100 had an impact on the understanding of the results, especially on the methodological aspects of selection, denoting that the Study observes multifactorial dimensions, a significant part of which are not tangible in the present Study.  |   |

### 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) |
|--|---|---|
| <p><b>Are there ethical issues in this manuscript?</b></p> | <p><i>(If yes, Kindly please write down the ethical issues here in details)</i></p> |   |

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**Reviewer Details:**

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|----------------------------------|--------------------------------|
| Name:                            | <b>Rogério Ferreira Emydio</b> |
| Department, University & Country | <b>ECEME, Brazil</b>           |