Author’s response to reviews

Title: Association of LRP5 genotypes with osteoporosis in Tunisian post-Menopausal women

Authors:

RIM SASSI (sasrim2006@yahoo.com)
HELA SAHLI (sahlisairhela@yahoo.fr)
CHIRAZ SOUISSI (chiraz.souissi@isaic.rnu.tn)
HEJER ELMAHMOUDI (hejer.abdalalah@gmail.com)
BECHIR ZOUARI (bechirzouari@yahoo.fr)
AMEL BEN AMMAR EL GAAIED (a_benammarelgaied@yahoo.fr)
SLAHEDDINE SELLAMI (slaheddine.sellami@rns.tn)
SERGE LIVIO FERRARI (serge.ferrari@unige.ch)

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Author’s response to reviews: see over
Cover letter for submission of revised manuscript

Subject: revised manuscript

With this cover letter, we will submit the revised manuscript MS: 1559172329947690 for Research Article entitled, “Association of LRP5 genotypes with osteoporosis in Tunisian post-menopausal women” for publication in BMC Musculoskeletal Disorders. We would like to thank referees for the careful and constructive reviews. Based on the comments from the referees, we have made changes of the manuscript, which are detailed below.

Reply to the evaluation by the first referee

1. This reviewer pointed out one thing. This reviewer suggested to me to perform a classification of the fractured women with vertebral and peripheric fracture.

Answer: I have classified the fracture type, but I haven't found any significative result. Therefore I preferred to not mentioned it.

Reply to the evaluation by the second referee

1. Many studies have already reported the significant associations between the LRP5 A1330V polymorphism and BMD. Thus, the authors confirmed the associations in Tunisian postmenopausal women and the results are not new findings.

Answer: It is true that the significant associations between the LRP5 A1330V polymorphism and BMD was already reported. But the results was very contradictory and differ from population to another. Therefore we have proposed to investigate association of LRP5 polymorphism in Tunisian population, in fact no study was performed before in Tunisian population.

2. I found many inadequate spaces in the text. The references styles in the text and the lists are not perfectly suited to this journal. The authors should read other articles in this Journal more carefully as well as author’s guideline and correct them in accordance with the style. I would like to make sure whether this paper had already checked by native speakers. If not, please do so.
**Answer:** I have corrected the inadequate spaces in text. I have revised all the references, all references and the manuscript style are suited to this journal. The English was checked by native speaker.

3. I would recommend to using “period” instead of “comma” for the decimal points in all tables.

**Answer:** All "comma" were replaced by "period" in the 4 tables.

**Reply to the evaluation by the third referee**

1. The name of the gene should be in italic.

**Answer:** I did this.

2. "aBMD" the reviewer suggested me to delete a.

**Answer:** I did this.

3. Name of protein in capital letter.

**Answer:** I did this.

4. line 93 add populations.

**Answer:** I did this.

5. line 95 add "]"

**Answer:** I did this.

6. line 134, 155 eliminate space.

**Answer:** I did this.

7. change "cohort" with study in line 151

**Answer:** I did this.

**Reply to the evaluation by the editorial board**

1. Please include email addresses of all authors at Title page.

**Answer:** I did this.

2. Please include an Authors' contributions section before the Acknowledgements and Reference list.

**Answer:** I did this.

"**Authors' contributions**"
RS conceived and performed the molecular analysis and wrote the manuscript. HS is involved in clinical measurement. HEM and CS are involved in technical support and assistance. BZ performed statistical analysis. ABEG, SS and SLF designed the study. All authors read and approved the final manuscript.

3. Requesting copyedit: We recommend that you copyedit the paper to improve the style of written English.

Answer: I did this.