Author's response to reviews

Title: Identification of differentially expressed miRNAs and mRNAs in synovial of osteoarthritis via RNA-sequencing

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Author's response to reviews:

Dear editors and reviewers,

Many thanks for your high efficiency of work and good suggestions. We have revised the manuscript according to the comments and the recommendations suggested by the editors and reviewers.

The responses to the editors' and reviews' comments are as follows:

1. Availability of Data and Materials

Please note that all data must be made public prior to publication and we cannot proceed to publish your manuscript if your data is not deposited and made publicly available. We are an open access journal and submission of a manuscript to a BMC journal implies that materials described in the manuscript, including all relevant raw data, will be freely available to any scientist wishing to use them for non-commercial purposes.

While you have provided the accession number and the name of the database in which your data is stored, the data is listed as private and the following response is noted "Accession "GSE143514" is currently private and is scheduled to be released on Jan 09, 2021."

Please be aware that we are an open access journal and submission of a manuscript to a BMC journal implies that materials described in the manuscript, including all relevant raw data, will be freely available to any scientist wishing to use them for non-commercial purposes, without breaching participant confidentiality. In light of this, we ask that you make the data public.
Response: Thanks for your comment. As per your request, we have contacted the GEO team and our data would be freely available to public on February 15th 2020.

2. Identifying information

Currently, the weight and height information present in Table 1, together with other identifiers, may compromise patient/participant anonymity.
If you do not have consent to publish from the participants in your study, please amend the file to address this issue, by removing this information or by providing weights or heights as ranges.
Response: Thanks for your comment. As your request, we have amended table 1.

3. Image attribution

Please state in the figure legend for Figure 5 whether you obtained appropriate copyright permission to use the signalling pathways depicted in Figure 5 (5D and 5E). It is the responsibility of the author(s) to obtain written permission to use images that have been previously published elsewhere. In order for all figures to be open access, authors must have permission from the rights holder if they wish to include images that have been published elsewhere in non-open access journals.

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If the above conditions are not met, the images need to be removed.

Response: Thanks for your comment. We have obtained appropriate copyright permission obtained appropriate copyright permission to use the signalling pathways depicted in Figure 5 (5D and 5E) and indicated it in figure legend for Figure 5.

The e-mail was as follows:

Dear Yuehong Liu,

Thank you for contacting us for copyright permission of KEGG.

Permission is granted to BMC Medical Genetics to publish the following KEGG pathway map images in the article "Identification of differentially expressed miRNAs and mRNAs in synovial of osteoarthritis via RNA-sequencing" written by Yuehong Liu and colleagues:
- hsa05200 Pathways in cancer - Homo sapiens (human)
- hsa04151 PI3K-Akt signaling pathway - Homo sapiens (human)

subject to the condition that the original source is acknowledged by citing at least one KEGG paper. Please see the list of KEGG papers in http://www.kegg.jp/kegg/kegg1.html.

Sincerely,

Miwako Matsumoto
Kanehisa Laboratories

4. Consent to participate
Please include the following statement in the Ethics approval and consent to participate section of your manuscript: “Written informed consent for use of their samples from every participant were provided in the present study”.
Response: Thanks for your comment. We have indicated it in the Ethics approval and consent to participate section of our manuscript.

5. At this stage, please upload your manuscript as a single, final, clean version that does not contain any tracked changes, comments, highlights, strikethroughs or text in different colours. All relevant tables/figures/additional files should also be clean versions. Should you wish to respond to these revision requests, please put your responses to the reviewers’/editors’ comments in the Response to Reviewers box in Editorial Manager. Please do not upload a separate letter.
Response: Thanks for your comment. A clean revised manuscript have been uploaded in the submission system.

Thank you again for your great help and attention. I am looking forward to hearing from you about the final decision.

Best regards and wishes!

Yours sincerely,

Yuehong Liu