

PEER-REVIEW REPORT

Name of journal: *World Journal of Clinical Cases*

Manuscript NO: 70550

Title: A previously unexplored etiology for femoral head necrosis: metagenomics detects no pathogens in necrotic femoral head tissue

Provenance and peer review: Unsolicited manuscript; externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 05393454

Position: Peer Reviewer

Academic degree: PhD

Professional title: Professor

Reviewer's Country/Territory: India

Author's Country/Territory: China

Manuscript submission date: 2021-09-30

Reviewer chosen by: AI Technique

Reviewer accepted review: 2021-09-30 10:32

Reviewer performed review: 2021-10-04 16:42

Review time: 4 Days and 6 Hours

Scientific quality	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Very good <input checked="" type="checkbox"/> Grade C: Good <input type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish
Language quality	<input type="checkbox"/> Grade A: Priority publishing <input checked="" type="checkbox"/> Grade B: Minor language polishing <input type="checkbox"/> Grade C: A great deal of language polishing <input type="checkbox"/> Grade D: Rejection
Conclusion	<input type="checkbox"/> Accept (High priority) <input type="checkbox"/> Accept (General priority) <input type="checkbox"/> Minor revision <input checked="" type="checkbox"/> Major revision <input type="checkbox"/> Rejection
Re-review	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

Peer-reviewer statements	Peer-Review: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous
	Conflicts-of-Interest: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

SPECIFIC COMMENTS TO AUTHORS

1. The English need improvement since there are few grammatical and syntax errors in the manuscript (For example, the words “pathogenic” may be as “the pathogenic”; “final” as “a final”; “of top” as “of the top”; “necrosis” as “the necrosis”; “infections any” as “infections of any”; “culture-independent” as “a culture-independent”; “of they” as “they”; “that use” as “that the use”; “has potential” as “has the potential”). The grammar mistakes which are not mentioned here also to be checked and corrected properly. 2. There are some typing mistakes as well, and authors are advised to carefully proof-read the text (For example, the words “genomic sequence” may be as “genomic sequences”; “times, or” as “times or”; “years-old” as “years old”; “hallmarks” as “hallmark”; “condition,” as “condition”; “bone forming” as “bone-forming”; “false negative” as “false-negative”; “osteonecrosis,” as “osteonecrosis”). The typos not mentioned here also to be checked and corrected properly. 3. The genus name should be given completely when first time appear (“M. tuberculosis; Pseudomonas aeruginosa”) in the abstract, results part and followed by only the first letter (“M. tuberculosis; P. aeruginosa”). 4. Reference should be given for the standard protocol in the materials and methods section. If the authors are used the modified procedure may also be given in the materials and methods section. The references should also be included in the back-references. 5. In the statistical analysis the authors should also included USA along with “NY”. 6. In the results, the authors may include the percentage also with the numbers of individuals with different diagnosis. 7. Results needs to be revised with a clear presentation of the findings in a more scientific way. 8. The authors may improve the discussion of their work by focusing on the present findings and

introducing other authors who also worked with the same or other studies with recent references shortly. 9. The authors have uploaded “Biostatistics Review Certificate” instead of “Clinical Trial Registration Statement”. Similarly, the certificate of “Institutional Review Board Approval Form or Document” has been uploaded instead of “Non-Native Speakers of English Editing Certificate”. This should be properly checked and uploaded with the respective files. 10. The authors have not properly included the table, figures and supplementary file along with the manuscript. It should also be included along with the manuscript. Without table and figures it is difficult to understand the results. Hence, it should be included properly.

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Reviewer's code: 05345731

Position: Peer Reviewer

Academic degree: BSc, MD

Professional title: Doctor

Reviewer's Country/Territory: Kazakhstan

Author's Country/Territory: China

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Reviewer performed review: 2021-10-15 01:42

Review time: 17 Hours

Scientific quality	<input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Very good <input type="checkbox"/> Grade C: Good <input type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish
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Peer-reviewer statements	Peer-Review: [<input checked="" type="checkbox"/>] Anonymous [<input type="checkbox"/>] Onymous Conflicts-of-Interest: [<input type="checkbox"/>] Yes [<input checked="" type="checkbox"/>] No
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SPECIFIC COMMENTS TO AUTHORS

Can't seem to have access to the figures and tables! I'd really like to check the raw data from metagenomic analysis.