



## PEER-REVIEW REPORT

**Name of journal:** *World Journal of Clinical Cases*

**Manuscript NO:** 75285

**Title:** Successful treatment of disseminated nocardiosis diagnosed by metagenomic next-generation sequencing

**Provenance and peer review:** Unsolicited Manuscript; Externally peer reviewed

**Peer-review model:** Single blind

**Reviewer's code:** 01213172

**Position:** Editorial Board

**Academic degree:** MD, PhD

**Professional title:** Chief Doctor, Full Professor, Senior Lecturer

**Reviewer's Country/Territory:** Croatia

**Author's Country/Territory:** China

**Manuscript submission date:** 2022-01-25

**Reviewer chosen by:** AI Technique

**Reviewer accepted review:** 2022-02-15 13:55

**Reviewer performed review:** 2022-02-15 14:20

**Review time:** 1 Hour

<b>Scientific quality</b>	<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 Grade E: Do not publish
<b>Language quality</b>	<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
<b>Conclusion</b>	<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
<b>Re-review</b>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No



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**E-mail:** bpgoffice@wjgnet.com  
**https://**www.wjgnet.com

<b>Peer-reviewer statements</b>	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**

The authors present a rare case of disseminated nocardiosis, with accent to rapid mNGS diagnosis. The roadmap of presenting the case is clearly noted in Abstract / Core tip section. Otherwise, the Introduction should be much shorter and focused on the topic. The Discussion should compare the presented case with more other from the literature. Final diagnosis and Treatment are not main paragraphs.



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**Reviewer's code:** 01551432

**Position:** Editorial Board

**Academic degree:** MD, PhD

**Professional title:** Doctor

**Reviewer's Country/Territory:** Japan

**Author's Country/Territory:** China

**Manuscript submission date:** 2022-01-25

**Reviewer chosen by:** AI Technique

**Reviewer accepted review:** 2022-02-22 09:48

**Reviewer performed review:** 2022-02-23 00:08

**Review time:** 14 Hours

<b>Scientific quality</b>	<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
<b>Language quality</b>	<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
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<b>Re-review</b>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No



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### **SPECIFIC COMMENTS TO AUTHORS**

Dear Authors, Thank you for submitting your manuscript entitled, "Successful treatment of disseminated nocardiosis diagnosed by metagenomic next-generation sequencing" in WJCC. The manuscript is well written and compactly summarized, and the topic is interesting. However, one major criticisms should be addressed as below. Major 1) Please add a new table on the same or similar cases that have been reported to date as your case. Please describe the search method, keywords, etc. Also, please add your own opinions, fluent discussions, so called "systematic literature review" on the new Table to the Discussion section. Further, add more references. I think that Nocardia of the lung is not so rare, so it will be very important to add the literature review on the cases and case series that have been reported to date.



## RE-REVIEW REPORT OF REVISED MANUSCRIPT

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**Reviewer's code:** 01213172

**Position:** Editorial Board

**Academic degree:** MD, PhD

**Professional title:** Chief Doctor, Full Professor, Senior Lecturer

**Reviewer's Country/Territory:** Croatia

**Author's Country/Territory:** China

**Manuscript submission date:** 2022-01-25

**Reviewer chosen by:** Li-Li Wang

**Reviewer accepted review:** 2022-03-28 12:46

**Reviewer performed review:** 2022-03-28 12:48

**Review time:** 1 Hour

<b>Scientific quality</b>	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Very good <input type="checkbox"/> Grade C: Good <input checked="" type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish
<b>Language quality</b>	<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
<b>Conclusion</b>	<input type="checkbox"/> Accept (High priority) <input checked="" type="checkbox"/> Accept (General priority) <input type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input type="checkbox"/> Rejection
<b>Peer-reviewer</b>	Peer-Review: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous



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Conflicts-of-Interest: [ ] Yes [Y] No

#### **SPECIFIC COMMENTS TO AUTHORS**

The manuscript is revised, although still of a very average quality.



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**Position:** Editorial Board

**Academic degree:** MD, PhD

**Professional title:** Doctor

**Reviewer's Country/Territory:** Japan

**Author's Country/Territory:** China

**Manuscript submission date:** 2022-01-25

**Reviewer chosen by:** Li-Li Wang

**Reviewer accepted review:** 2022-03-29 11:59

**Reviewer performed review:** 2022-03-29 14:47

**Review time:** 2 Hours

<b>Scientific quality</b>	<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
<b>Language quality</b>	<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
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Conflicts-of-Interest: [ ] Yes [Y] No

#### **SPECIFIC COMMENTS TO AUTHORS**

Dear authors, the manuscript has almost revised accordingly. I think it is OK as it stands. sincerely yours. Takuya Watanabe



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**Title:** Successful treatment of disseminated nocardiosis diagnosed by metagenomic next-generation sequencing

**Provenance and peer review:** Unsolicited Manuscript; Externally peer reviewed

**Peer-review model:** Single blind

**Reviewer's code:** 02942902

**Position:** Editorial Board

**Academic degree:** MD, PhD

**Professional title:** Associate Professor

**Reviewer's Country/Territory:** Japan

**Author's Country/Territory:** China

**Manuscript submission date:** 2022-01-25

**Reviewer chosen by:** Li-Li Wang

**Reviewer accepted review:** 2022-03-28 13:31

**Reviewer performed review:** 2022-03-30 12:56

**Review time:** 1 Day and 23 Hours

<b>Scientific quality</b>	<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
<b>Language quality</b>	<input checked="" type="checkbox"/> Grade A: Priority publishing <input type="checkbox"/> Grade B: Minor language polishing <input type="checkbox"/> Grade C: A great deal of language polishing <input type="checkbox"/> Grade D: Rejection
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<b>Peer-reviewer</b>	Peer-Review: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous



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### **SPECIFIC COMMENTS TO AUTHORS**

The paper appears to have responded to the concerns addressed by the reviewers. I consider that the highly sensitive technique with the metagenomic next-generation sequencing (mNGS) is interesting. However, I would like to add minor comments as my first-round review report. Comments: They mentioned 'Selection of appropriate antibiotics given at the optimal time is hence crucial for effective therapy'. However, unlike bacterial culture, the method cannot give direct information about the antibiotic susceptibility, though identification of the specific (causal) bacteria responsible for the infection should be beneficial. In addition, such a technical approach could be conducted in limited institutions. Kindly discuss the disadvantages of the technique.