

PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology

Manuscript NO: 66118

Title: Frontiers in antibiotic alternative for Clostridioides difficile infection

Reviewer's code: 05384570

Position: Peer Reviewer

Academic degree: MBBS

Professional title: Doctor

Reviewer's Country/Territory: Malaysia

Author's Country/Territory: Thailand

Manuscript submission date: 2021-03-21

Reviewer chosen by: AI Technique

Reviewer accepted review: 2021-03-21 09:00

Reviewer performed review: 2021-03-27 12:12

Review time: 6 Days and 3 Hours

Scientific quality	<input checked="" type="checkbox"/> Grade A: Excellent <input 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 Grade E: Do not publish
Language quality	<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
Conclusion	<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
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



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SPECIFIC COMMENTS TO AUTHORS

This is an overall good and comprehensive review. I just have a few suggestions: 1. Use of certain antibiotics including clindamycin, cephalosporins, quinolones, and penicillins has been reported to increase CDI risk - This statement requires citation and further explanation. 2. The pathogenesis and toxins of *C. difficile* can be further elaborated and make it into a section. 3. Findings should be added into Table 1 4. Authors should add in a section on the efficacy of different antibiotics available in treating *C. difficile* infection which can justify the need of alternatives to antibiotics.

PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology

Manuscript NO: 66118

Title: Frontiers in antibiotic alternative for Clostridioides difficile infection

Reviewer's code: 05232520

Position: Editorial Board

Academic degree: BSc, MSc, PhD

Professional title: Professor, Research Scientist

Reviewer's Country/Territory: Brazil

Author's Country/Territory: Thailand

Manuscript submission date: 2021-03-21

Reviewer chosen by: AI Technique

Reviewer accepted review: 2021-03-22 12:06

Reviewer performed review: 2021-03-31 15:06

Review time: 9 Days and 3 Hours

Scientific quality	<input checked="" type="checkbox"/> Grade A: Excellent <input 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
Language quality	<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
Conclusion	<input type="checkbox"/> Accept (High priority) <input type="checkbox"/> Accept (General priority) <input checked="" type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input type="checkbox"/> Rejection
Re-review	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
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SPECIFIC COMMENTS TO AUTHORS

The manuscript submitted by Pranchana and cols., aims to critically overview and discuss alternatives to antibiotic to treat *Clostridioides difficile* infection. In general, the text is well written and structured. Further, the review presents a broad and in-depth critical analysis of data besides debating pros and cons of each suggested approach. Major concerns: • The authors must address the concept of eubiosis and dysbiosis rather than solely stating that “microbiota is perturbed” or “healthy microbiota” • It is of utmost importance to describe/discuss the contribution of multidrug-resistant microorganisms to safety and feasibility of FMT Minor concerns: • Please, replace the term “flora” by “microbiota”; • There are some typos throughout the text e.g : “synbiotic”