

PEER-REVIEW REPORT

Name of journal: *World Journal of Gastroenterology*

Manuscript NO: 69913

Title: Effect of *Bacillus subtilis*, *Enterococcus faecium*, and *Enterococcus faecalis* supernatants on serotonin transporter expression in cells and tissues

Provenance and peer review: Unsolicited manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 05084430

Position: Peer Reviewer

Academic degree: MD, MSc

Professional title: Doctor

Reviewer's Country/Territory: Portugal

Author's Country/Territory: China

Manuscript submission date: 2021-07-21

Reviewer chosen by: AI Technique

Reviewer accepted review: 2021-08-22 09:02

Reviewer performed review: 2021-08-22 09:05

Review time: 1 Hour

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 Grade E: Do not publish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



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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

Groundbreaking work revealing that supernatants of *Bacillus subtilis*, *Enterococcus faecium* and *Enterococcus faecalis* could upregulate the SERT expression. This opens the way to better understanding of IBS. Congratulations

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Provenance and peer review: Unsolicited manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 05755618

Position: Peer Reviewer

Academic degree: FACP, MD

Professional title: Doctor

Reviewer's Country/Territory: Japan

Author's Country/Territory: China

Manuscript submission date: 2021-07-21

Reviewer chosen by: AI Technique

Reviewer accepted review: 2021-08-18 23:57

Reviewer performed review: 2021-08-26 14:29

Review time: 7 Days and 14 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
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
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SPECIFIC COMMENTS TO AUTHORS

In this fundamental study, the authors described that the supernatants of *Bacillus subtilis*, *Enterococcus faecium*, and *Enterococcus faecalis* could upregulate the SERT expression for post-infections IBS. The efficacy of supernatants of *Bacillus subtilis*, *Enterococcus faecium*, and *Enterococcus faecalis* was concentration-dependent. The combined supernatant of *Bacillus subtilis* and *Enterococcus faecalis* was more efficacious than a single supernatant. It is well written, well designed paper. It is suitable for WJG readers. The minor concern of this article is busy Figures and a need for more English editing.