

PEER-REVIEW REPORT

Name of journal: *World Journal of Methodology*

Manuscript NO: 73782

Title: Nature and mechanism of immune boosting by Ayurvedic medicine: a systematic review of randomized controlled trials

Provenance and peer review: Invited manuscript; externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 05411177

Position: Peer Reviewer

Academic degree: MD

Professional title: Doctor

Reviewer's Country/Territory: Hungary

Author's Country/Territory: India

Manuscript submission date: 2021-12-03

Reviewer chosen by: AI Technique

Reviewer accepted review: 2021-12-06 15:57

Reviewer performed review: 2021-12-18 11:06

Review time: 11 Days and 19 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 Grade E: Do not publish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
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 type="checkbox"/> Yes <input checked="" type="checkbox"/> No



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Peer-reviewer statements	Peer-Review: [<input type="checkbox"/>] Anonymous [<input checked="" type="checkbox"/>] Onymous Conflicts-of-Interest: [<input type="checkbox"/>] Yes [<input checked="" type="checkbox"/>] No
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SPECIFIC COMMENTS TO AUTHORS

Please see the attached file.

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Manuscript NO: 73782

Title: Nature and mechanism of immune boosting by Ayurvedic medicine: a systematic review of randomized controlled trials

Provenance and peer review: Invited manuscript; externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 00503071

Position: Peer Reviewer

Academic degree: PhD

Professional title: Professor

Reviewer's Country/Territory: United Arab Emirates

Author's Country/Territory: India

Manuscript submission date: 2021-12-03

Reviewer chosen by: AI Technique

Reviewer accepted review: 2022-01-10 04:05

Reviewer performed review: 2022-01-18 09:07

Review time: 8 Days and 5 Hours

Scientific quality	<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
Language quality	<input type="checkbox"/> Grade A: Priority publishing <input type="checkbox"/> Grade B: Minor language polishing <input checked="" 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
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Peer-reviewer statements	Peer-Review: [<input checked="" type="radio"/>] Anonymous [<input type="radio"/>] Onymous Conflicts-of-Interest: [<input type="radio"/>] Yes [<input checked="" type="radio"/>] No
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SPECIFIC COMMENTS TO AUTHORS

Vallish et al. reviewed the literature exploring the role of Ayurvedic medicine on immune cells. Most articles were published by Indian scientists and the research was mainly conducted in India. Major points: 1. The authors collected information regarding the effects of Ayurvedic on immune cells. However, they did not introduce the Ayurvedic compounds; what are they and what have they been used for. Perhaps the second paragraph in the discussion should be expanded and used in the introduction instead. Also, Supplementary Table 3 should be expanded and placed in the beginning of this review. 2. In several parts of this review, the authors mentioned that various Ayurvedic compounds affect NK cell activity. No explanation was given whether this is detrimental or beneficial. NK cells are pleotropic which have many biological activities, including anti-tumor and anti-viral effects, to being inflammatory secreting variety of inflammatory cytokines and chemokines. The authors should specifically indicate in each study described the functional activity of NK cells. Similar point regarding CD4 T cells.