

PEER-REVIEW REPORT

Name of journal: *World Journal of Critical Care Medicine*

Manuscript NO: 66531

Title: Precision medicine in sepsis and septic shock: From omics to clinical tools

Provenance and peer review: Invited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 05449007

Position: Peer Reviewer

Academic degree: MBBS, MD

Professional title: Academic Fellow, Doctor

Reviewer's Country/Territory: United States

Author's Country/Territory: Spain

Manuscript submission date: 2021-04-26

Reviewer chosen by: AI Technique

Reviewer accepted review: 2021-05-08 10:33

Reviewer performed review: 2021-05-08 11:10

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 Grade E: Do not publish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 checked="" type="radio"/> Accept (High priority) <input type="radio"/> Accept (General priority) <input type="radio"/> Minor revision <input type="radio"/> Major revision <input type="radio"/> Rejection
Re-review	<input type="radio"/> Yes <input checked="" type="radio"/> No
Peer-reviewer	Peer-Review: <input checked="" type="radio"/> Anonymous <input type="radio"/> Onymous



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statements

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

SPECIFIC COMMENTS TO AUTHORS

The authors must be congratulated for a thorough and well-written manuscript on potential for precision medicine in Sepsis. The authors describe all aspects of Omics, cellular and genetic pathophysiology of sepsis and review translational and clinical literature highlighting its potential application in clinical practice. The topic is very timely and attractive for current day readership in critical care medicine. My only suggestion to the authors is to cut down the word count. The current manuscript stands over 6955 words! I would recommend the authors to bring down the word count to at least 5000 words if not shorter to maintain interest from readership and provide a succinct and interesting manuscript. Overall, I would recommend this article for publication.