



PEER-REVIEW REPORT

Name of journal: *World Journal of Neurology*

Manuscript NO: 74913

Title: Role of cell-free DNA for predicting incidence and outcome of patients with ischemic stroke

Provenance and peer review: Unsolicited manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 02439752

Position: Peer Reviewer

Academic degree: MD, PhD

Professional title: Assistant Professor, Doctor

Reviewer's Country/Territory: China

Author's Country/Territory: India

Manuscript submission date: 2022-01-11

Reviewer chosen by: Fei-Yan Lin

Reviewer accepted review: 2022-03-17 13:21

Reviewer performed review: 2022-03-27 23:31

Review time: 10 Days and 10 Hours

Scientific quality	<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 Grade E: Do not publish
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 type="checkbox"/> Minor revision <input checked="" type="checkbox"/> Major revision <input type="checkbox"/> Rejection
Re-review	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> 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

This review discuss the potential utility of circulating DNA specifically cell-free mitochondrial DNA (cf-mtDNA) in determining the incidence and outcome of patients with ischemic stroke. however, the parts of Types of stroke, Pathophysiological mechanisms of ischemic stroke, Major risk factors, Current management strategies are not necessary in this review, the topic of the review is the role of circulating DNA in ischemic stroke, it is recommended to shorten this section.



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Title: Role of cell-free DNA for predicting incidence and outcome of patients with ischemic stroke

Provenance and peer review: Unsolicited manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 06220599

Position: Peer Reviewer

Academic degree: MD, PhD

Professional title: Doctor, Physiotherapist, Professor

Reviewer's Country/Territory: China

Author's Country/Territory: India

Manuscript submission date: 2022-01-11

Reviewer chosen by: Dong-Mei Wang

Reviewer accepted review: 2022-05-07 14:22

Reviewer performed review: 2022-05-08 06:28

Review time: 16 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 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

1、 Similar reviews discussing the association between DNA and stroke have been published (Cell-free DNA as a biomarker in stroke: Current status, problems and perspectives) . The article lacks innovative arguments. 2、 Too much description is devoted to the basics of stroke. 3、 Core tips lack central ideas and main content.