

PEER-REVIEW REPORT

Name of journal: World Journal of Clinical Cases

Manuscript NO: 55559

Title: The significance of serum FGF-23 and miR-208b in the pathogenesis of atrial fibrillation and their relationship with prognosis

Reviewer's code: 02440910

Position: Peer Reviewer

Academic degree: FCPS, MBBS, PhD

Professional title: Assistant Professor, Associate Professor, Research Fellow, Research Scientist

Reviewer's Country/Territory: Brazil

Author's Country/Territory: China

Manuscript submission date: 2020-04-09

Reviewer chosen by: AI Technique

Reviewer accepted review: 2020-04-14 11:33

Reviewer performed review: 2020-04-27 09:32

Review time: 12 Days and 21 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 Grade E: Do not publish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
Peer-reviewer	Peer-Review: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous

statements

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

SPECIFIC COMMENTS TO AUTHORS

The identification of useful serological markers can provide guidance for the primary prevention of atrial fibrillation and for monitoring and evaluating treatment efficacy and prognosis. FGF-23 is a member of the FGF superfamily and is closely related to the development of cardiovascular disease. Most miRNAs exhibit tissue specificity and are stable in serum, making them potential biomarkers for disease diagnosis. miR-208b is found in the plasma of patients with acute myocardial infarction, which indicates that heart-specific miR-208b can be released from damaged cardiomyocytes into blood circulation. In this study, the authors investigated the levels and significance of serum FGF-23 and miR-208b in atrial fibrillation and their relevance to patient prognosis. The sample size is large, and the inclusion criteria are reasonable. Results data, include the tables are interesting. Well discussed. How about the limit of this study? Please make a short discuss. Minor editing is also required.

PEER-REVIEW REPORT

Name of journal: World Journal of Clinical Cases

Manuscript NO: 55559

Title: The significance of serum FGF-23 and miR-208b in the pathogenesis of atrial fibrillation and their relationship with prognosis

Reviewer's code: 02860392

Position: Peer Reviewer

Academic degree: FEBS, MD, PhD

Professional title: Professor, Research Scientist, Senior Lecturer

Reviewer's Country/Territory: United States

Author's Country/Territory: China

Manuscript submission date: 2020-04-09

Reviewer chosen by: AI Technique

Reviewer accepted review: 2020-04-13 10:37

Reviewer performed review: 2020-04-27 09:34

Review time: 13 Days and 22 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 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 type="checkbox"/> Yes <input checked="" 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

SPECIFIC COMMENTS TO AUTHORS

This study of the serum FGF-23 and miR-208b in the pathogenesis of atrial fibrillation is very interesting. Tables should be moved to the end of the main text.