

PEER-REVIEW REPORT

Name of journal: World Journal of Diabetes

Manuscript NO: 60901

Title: Polymorphisms in HIF-1a gene are not associated with diabetic retinopathy in China

Reviewer's code: 02854801

Position: Peer Reviewer

Academic degree: FACP, MD, PhD

Professional title: Instructor, Professor, Research Fellow

Reviewer's Country/Territory: Greece

Author's Country/Territory: China

Manuscript submission date: 2021-02-23

Reviewer chosen by: AI Technique

Reviewer accepted review: 2021-02-24 10:16

Reviewer performed review: 2021-03-22 15:13

Review time: 26 Days and 4 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 Grade E: Do not publish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 checked="" type="checkbox"/> Yes <input 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



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SPECIFIC COMMENTS TO AUTHORS

This study of polymorphisms in HIF-1 α gene and diabetic retinopathy are very interesting. Most diabetic patients develop diabetic retinopathy, which remains the major cause of new-onset blindness among adults with diabetes. HIF-1 is a transcription factor that is found in mammalian cells cultured under reduced oxygen tension, and plays an essential role in cellular and systemic homeostatic responses to hypoxia. Although HIF-1 α is ubiquitously expressed and maintained at constant cellular levels, the HIF-1 α protein level and transcriptional activity are tightly regulated in response to oxygen levels. In this study, the whether there was an association of HIF-1 α polymorphisms in type 2 diabetes mellitus are studied. The study is very well designed, and the results are very interesting. The reviewer recommends to accept this manuscript after a minor revision. Comments: 1. Some minor language polishing should be corrected. 2. Some unusual abbreviations should be spelled out. 3. The P values of significant difference should be noted in the tables.

PEER-REVIEW REPORT

Name of journal: World Journal of Diabetes

Manuscript NO: 60901

Title: Polymorphisms in HIF-1a gene are not associated with diabetic retinopathy in China

Reviewer's code: 02857071

Position: Peer Reviewer

Academic degree: FRCPA, MD, PhD

Professional title: Associate Research Scientist, Professor

Reviewer's Country/Territory: Japan

Author's Country/Territory: China

Manuscript submission date: 2021-02-23

Reviewer chosen by: AI Technique

Reviewer accepted review: 2021-02-24 10:16

Reviewer performed review: 2021-03-22 15:17

Review time: 26 Days and 5 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 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

Although the authors found that there is no relationship between the genetic variations of HIF-1 and diabetes, this study is interesting, and meaningful. After a minor editing, this manuscript can be accepted for publication.