

PEER-REVIEW REPORT

Name of journal: World Journal of Stem Cells

Manuscript NO: 55028

Title: Human embryonic stem cells as an in vitro model for studying the developmental origin of type 2 diabetes

Reviewer's code: 02945510

Position: Peer Reviewer

Academic degree: PhD

Professional title: Full Professor

Reviewer's Country/Territory: Egypt

Author's Country/Territory: China

Manuscript submission date: 2020-03-12

Reviewer chosen by: AI Technique

Reviewer accepted review: 2020-03-13 09:13

Reviewer performed review: 2020-03-24 07:26

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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] Grade E: Do not publish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 type="radio"/>] No
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

SPECIFIC COMMENTS TO AUTHORS

The manuscript illustrate the increased incidence of diabetes and the epigenetic changes during intrauterine life and developmental origin of diseases. Also, the author categorize the different type of cells like islet , cardiomyocyte, neurons.. etc and how to differentiate from mesenchymal stem cells and their importance in our body. The manuscript summarized good survey and I accepted for publication.