



## 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

**Review time:** 10 Days and 22 Hours

|                                 |  |
|---------------------------------|--|
| <b>Scientific quality</b>       | <input checked="" type="checkbox"/> Grade A: Excellent [ ] Grade B: Very good [ ] Grade C: Good<br>[ ] Grade D: Fair [ ] Grade E: Do not publish                                 |
| <b>Language quality</b>         | <input checked="" type="checkbox"/> Grade A: Priority publishing [ ] Grade B: Minor language polishing<br>[ ] Grade C: A great deal of language polishing [ ] Grade D: Rejection |
| <b>Conclusion</b>               | <input checked="" type="checkbox"/> Accept (High priority) [ ] Accept (General priority)<br>[ ] Minor revision [ ] Major revision [ ] Rejection                                  |
| <b>Re-review</b>                | [ ] Yes [ ] No   |
| <b>Peer-reviewer statements</b> | Peer-Review: <input checked="" type="checkbox"/> Anonymous [ ] Onymous<br>Conflicts-of-Interest: [ ] Yes <input checked="" type="checkbox"/> No                                  |



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#### **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.