

PEER-REVIEW REPORT

Name of journal: World Journal of Diabetes

Manuscript NO: 62427

Title: Feasibility of large experimental animal models in testing novel therapeutic strategies for diabetes

Reviewer's code: 02945931

Position: Editorial Board

Academic degree: FRCP (C), MBBS, MSc, PhD

Professional title: Doctor, Senior Lecturer

Reviewer's Country/Territory: United Kingdom

Author's Country/Territory: Japan

Manuscript submission date: 2021-01-09

Reviewer chosen by: Jin-Lei Wang

Reviewer accepted review: 2021-01-10 09:52

Reviewer performed review: 2021-01-10 10:01

Review time: 1 Hour

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 Grade E: Do not publish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 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 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 paper discusses the feasibility using of genetically modified porcine models of diabetes for testing novel treatment strategies using recent technical advances Major comment: Subheadings A, B,C D should be shortened as it is fairly generic- I would expand and include a section on the ethical use of pigs in diabetes related research and have references related on ethical porcine experimentation Minor comment typo in subheading "B. TYPE 1 DISBETES"