



## Baishideng Publishing Group Co., Limited

Flat C, 23/F., Lucky Plaza,  
315-321 Lockhart Road,  
Wan Chai, Hong Kong, China

### ESPS Peer-review Report

**Name of Journal:** World Journal of Diabetes

**ESPS Manuscript NO:** 7456

**Title:** Recent advances in the molecular genetics of type 2 diabetes mellitus

**Reviewer code:** 02446525

**Science editor:** Qi, Yuan

**Date sent for review:** 2013-11-20 15:10

**Date reviewed:** 2013-12-08 16:25

CLASSIFICATION	LANGUAGE EVALUATION	RECOMMENDATION	CONCLUSION
<input type="checkbox"/> Grade A (Excellent)	<input checked="" type="checkbox"/> Grade A: Priority Publishing	Google Search:	<input checked="" type="checkbox"/> Accept
<input checked="" type="checkbox"/> Grade B (Very good)	<input type="checkbox"/> Grade B: minor language polishing	<input type="checkbox"/> Existed	<input type="checkbox"/> High priority for publication
<input type="checkbox"/> Grade C (Good)	<input type="checkbox"/> Grade C: a great deal of language polishing	<input type="checkbox"/> No records	<input type="checkbox"/> Rejection
<input type="checkbox"/> Grade D (Fair)	<input type="checkbox"/> Grade D: rejected	<input type="checkbox"/> Existed	<input type="checkbox"/> Minor revision
<input type="checkbox"/> Grade E (Poor)		<input type="checkbox"/> No records	<input type="checkbox"/> Major revision

### COMMENTS TO AUTHORS

Comprehensive review and good presentation.



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## ESPS Peer-review Report

**Name of Journal:** World Journal of Diabetes

**ESPS Manuscript NO:** 7456

**Title:** Recent advances in the molecular genetics of type 2 diabetes mellitus

**Reviewer code:** 02446538

**Science editor:** Qi, Yuan

**Date sent for review:** 2013-11-20 15:10

**Date reviewed:** 2013-12-10 17:19

CLASSIFICATION	LANGUAGE EVALUATION	RECOMMENDATION	CONCLUSION
<input type="checkbox"/> Grade A (Excellent)	<input type="checkbox"/> Grade A: Priority Publishing	Google Search:	<input type="checkbox"/> Accept
<input type="checkbox"/> Grade B (Very good)	<input checked="" type="checkbox"/> Grade B: minor language polishing	<input type="checkbox"/> Existed	<input type="checkbox"/> High priority for publication
<input checked="" type="checkbox"/> Grade C (Good)	<input type="checkbox"/> Grade C: a great deal of language polishing	<input type="checkbox"/> No records	<input type="checkbox"/> Rejection
<input type="checkbox"/> Grade D (Fair)	<input type="checkbox"/> Grade D: rejected	BPG Search:	<input checked="" type="checkbox"/> Minor revision
<input type="checkbox"/> Grade E (Poor)		<input type="checkbox"/> Existed	<input type="checkbox"/> Major revision
		<input type="checkbox"/> No records	

## COMMENTS TO AUTHORS

In the present review the authors report the recent advances on genetic aspect of type 2 diabetes disease or diabetes mellitus. The paper is interesting and clear written. I have some point about the introduction to the pathophysiology of this disease. Normally, the introduction should be contain the "state of art" about the specific argument treated in the paper. Here, the authors treat a restrict areas of the available data to describe diabetes disease. In particular, the amyloid hypothesis and the presence of environmental factor in amyloid formation are not reported. Introducing this issue in introduction section the quality of the present paper increase too much. Moreover, the authors mention only insulin and not amylin, hormone that participate in glucose regulation end responsible beta-cell death. Authors, (pag. 4 last paragraph) done a sentence about environmental factor not correct, since at now there is an intense debate not resolved. See you and cite the following paper about amyloid hypothesis: Amyloid hypothesis: Annu. Rev. Biophys. 2009, 38:125-52 and Scientific Reports, 2013, 3, doi:10.1038/srep02781. Environmental factor such as Calcium, (Biophysical Journal, 2013, 104, 173, AND, Archives of biochemistry and biophysics, 2008, 477, 291-298) Zinc (Chemical Communications, 2013, 49, 3339) ions and polluting organic substances see you: Scientific Reports, 2013, 3, 2712, DOI: 10.1038/srep02712. I believe that the subject interesting, and thus I am inclined to recommend its acceptance take into account my suggestions.



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### ESPS Peer-review Report

**Name of Journal:** World Journal of Diabetes

**ESPS Manuscript NO:** 7456

**Title:** Recent advances in the molecular genetics of type 2 diabetes mellitus

**Reviewer code:** 02446567

**Science editor:** Qi, Yuan

**Date sent for review:** 2013-11-20 15:10

**Date reviewed:** 2013-12-18 03:16

CLASSIFICATION	LANGUAGE EVALUATION	RECOMMENDATION	CONCLUSION
<input type="checkbox"/> Grade A (Excellent)	<input checked="" type="checkbox"/> Grade A: Priority Publishing	Google Search:	<input checked="" type="checkbox"/> Accept
<input checked="" type="checkbox"/> Grade B (Very good)	<input type="checkbox"/> Grade B: minor language polishing	<input type="checkbox"/> Existed	<input type="checkbox"/> High priority for publication
<input type="checkbox"/> Grade C (Good)	<input type="checkbox"/> Grade C: a great deal of language polishing	<input type="checkbox"/> No records	<input type="checkbox"/> Rejection
<input type="checkbox"/> Grade D (Fair)	<input type="checkbox"/> Grade D: rejected	BPG Search:	<input type="checkbox"/> Minor revision
<input type="checkbox"/> Grade E (Poor)		<input type="checkbox"/> Existed	<input type="checkbox"/> Major revision
		<input type="checkbox"/> No records	

### COMMENTS TO AUTHORS

Manuscript Number: 7456 Title: Recent advances in the molecular genetics of type 2 diabetes mellitus. Comments: The authors study the genetic causes of insulin resistance and T2DM. Large number of variants have been identified in many of the genes, most of which may influence both hepatic and peripheral insulin resistance, adipogenesis and  $\beta$ -cell mass and function. This is a well written manuscript with good english and grammar and it is sound in the field and the authors used many new references. This manuscript is certainly suitable for publication in the World Journal of Diabetes. I recommend accepting this manuscript after a few revision