

## PEER-REVIEW REPORT

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

**Manuscript NO:** 44567

**Title:** Effectiveness of royal jelly supplementation in glycemic regulation: A systematic review

**Reviewer's code:** 00058696

**Reviewer's country:** United States

**Science editor:** Jin-Lei Wang

**Date sent for review:** 2018-11-15

**Date reviewed:** 2018-11-18

**Review time:** 9 Hours, 3 Days

SCIENTIFIC QUALITY	LANGUAGE QUALITY	CONCLUSION	PEER-REVIEWER STATEMENTS
<input type="checkbox"/> Grade A: Excellent	<input checked="" type="checkbox"/> Grade A: Priority publishing	<input type="checkbox"/> Accept	Peer-Review:
<input type="checkbox"/> Grade B: Very good	<input type="checkbox"/> Grade B: Minor language	(High priority)	<input type="checkbox"/> Anonymous
<input checked="" type="checkbox"/> Grade C: Good	polishing	<input type="checkbox"/> Accept	<input checked="" type="checkbox"/> Onymous
<input type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade C: A great deal of	(General priority)	Peer-reviewer's expertise on the
<input type="checkbox"/> Grade E: Do not	language polishing	<input checked="" type="checkbox"/> Minor revision	topic of the manuscript:
publish	<input type="checkbox"/> Grade D: Rejection	<input type="checkbox"/> Major revision	<input type="checkbox"/> Advanced
		<input type="checkbox"/> Rejection	<input checked="" type="checkbox"/> General
			<input type="checkbox"/> No expertise
			Conflicts-of-Interest:
			<input type="checkbox"/> Yes
			<input checked="" type="checkbox"/> No

### SPECIFIC COMMENTS TO AUTHORS

This manuscript has been carefully examined. My questions are summarized below:

1) The authors state that they are utilizing the 2009 PRISMA strategy. The manuscript is however not organized along these guidelines. The authors should provide a



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reference for the 2009 PRISMA strategy. The manuscript needs to be reorganized (for example, the Abstract does not follow a Structured Summary; the Results does not contain “Results of Individual Studies” or “Synthesis of Results”; and the present Discussion needs to be reorganized with information moved to Results and a new discussion can follow the guidelines of the 2009 PRISMA strategy. 2) What is the AIM of this study? In the Abstract the authors state “responses in models of healthy and non-insulin dependent”. Models would represent animal studies. This manuscript however summarizes studies performed in animal studies and in humans with diabetes mellitus. 3) The Introduction continues this uncertainty. The authors have not clearly summarized data from animal studies and then data from human studies in order to form the basis for the AIM of this manuscript. For example: reference 10 is not an in vitro study but is rather an in vivo animal study (that does not induce caloric restriction as stated by the authors), while in Introduction, paragraph 1 when summarizing potential factors for understanding the increasing incidence of type 2 diabetes, we see no mention about obesity. The first sentence in the Introduction itself discusses the “incidence of type 2 diabetes” and provides 3 references. Reference 1 refers to prevalence; Reference 3 is not the correct reference but I believe that the reference intended is in the same issue of the Annals of Internal Medicine and it describes prevalence. The authors need to be more cautious in their terminology when describing this disease, and they need to recheck their references. 4) Figure 5 is not necessary as this manuscript is not designed to study potential mechanisms. 5) Table 1 can be summarized in the Methods section and eliminated. 6) Table 3 can be summarized in the Results section and eliminated.

## **INITIAL REVIEW OF THE MANUSCRIPT**

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