



## PEER-REVIEW REPORT

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

**Manuscript NO:** 63017

**Title:** New insights into renal lipid dysmetabolism in diabetic kidney disease

**Reviewer's code:** 05378361

**Position:** Peer Reviewer

**Academic degree:** MD, PhD

**Professional title:** Associate Professor, Doctor, Research Fellow

**Reviewer's Country/Territory:** China

**Author's Country/Territory:** United States

**Manuscript submission date:** 2021-01-25

**Reviewer chosen by:** AI Technique

**Reviewer accepted review:** 2021-01-26 00:12

**Reviewer performed review:** 2021-01-31 07:59

**Review time:** 5 Days and 7 Hours

<b>Scientific quality</b>	<input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Very good <input type="checkbox"/> Grade C: Good <input type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish
<b>Language quality</b>	<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
<b>Conclusion</b>	<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
<b>Re-review</b>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<b>Peer-reviewer statements</b>	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**

Mitrofanova A. et al. provided an interesting review with the focus of renal lipid dysmetabolism in diabetic kidney disease. 1. The abstract should be more clarified with current status, purpose and what are the main advanced knowledge or information; 2. The content is substantial, of clear logical tiers and relatively fluently expressed. But, if the author could further rectify the Introduction Part, it would be more attractive. 3. It is better to add some subtitles. 4. How about glomerular endothelial cells in the renal lipid dysmetabolism in CKD? PMID:33409761, PMID:23563804; 5. some sentence constructions and small spelling errors need to be modified, such as line 309, S1P recetor; 6. line 319, In addition 7. line 187, whos derevitation is not entirely clear



### PEER-REVIEW REPORT

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

**Manuscript NO:** 63017

**Title:** New insights into renal lipid dysmetabolism in diabetic kidney disease

**Reviewer's code:** 01235968

**Position:** Peer Reviewer

**Academic degree:** MD

**Professional title:** Doctor

**Reviewer's Country/Territory:** Japan

**Author's Country/Territory:** United States

**Manuscript submission date:** 2021-01-25

**Reviewer chosen by:** AI Technique

**Reviewer accepted review:** 2021-01-28 11:34

**Reviewer performed review:** 2021-02-11 07:25

**Review time:** 13 Days and 19 Hours

<b>Scientific quality</b>	<input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Very good <input type="checkbox"/> Grade C: Good <input type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish
<b>Language quality</b>	<input checked="" type="checkbox"/> Grade A: Priority publishing <input type="checkbox"/> Grade B: Minor language polishing <input type="checkbox"/> Grade C: A great deal of language polishing <input type="checkbox"/> Grade D: Rejection
<b>Conclusion</b>	<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
<b>Re-review</b>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>Peer-reviewer statements</b>	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**

Mitrofanova A et al. summarizes the recent knowledge about the role of lipid metabolism in the development of diabetic kidney disease. Major comments 1) The review consists of 4 sections: cholesterol, triglyceride, lipid droplet and sphingolipids. Is not it better to place the topic of lipid droplet last? 2) The same authors have recently published reviews on the similar topic (Mitrafanova A et al. *Curr Opin Pharmacol.* 2020; 55:60-72; Ducasa GM et al. *Curr Diab Rep.* 2019;19(12):144; Mitrafanova A et al. *Am J Physiol Renal Physiol.* 2019;317(5):F1241-F1252). The authors should explain how the current review is different from them in the introduction. Minor comments The following typos should be corrected: L35, pdocyte; L124, ezeptimibe; L193, whos etc.



## RE-REVIEW REPORT OF REVISED MANUSCRIPT

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

**Manuscript NO:** 63017

**Title:** New insights into renal lipid dysmetabolism in diabetic kidney disease

**Reviewer's code:** 05378361

**Position:** Peer Reviewer

**Academic degree:** MD, PhD

**Professional title:** Associate Professor, Doctor, Research Fellow

**Reviewer's Country/Territory:** China

**Author's Country/Territory:** United States

**Manuscript submission date:** 2021-01-25

**Reviewer chosen by:** Ze-Mao Gong

**Reviewer accepted review:** 2021-04-01 03:22

**Reviewer performed review:** 2021-04-01 03:29

**Review time:** 1 Hour

<b>Scientific quality</b>	<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
<b>Language quality</b>	<input checked="" type="checkbox"/> Grade A: Priority publishing <input type="checkbox"/> Grade B: Minor language polishing <input type="checkbox"/> Grade C: A great deal of language polishing <input type="checkbox"/> Grade D: Rejection
<b>Conclusion</b>	<input type="checkbox"/> Accept (High priority) <input checked="" type="checkbox"/> Accept (General priority) <input type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input type="checkbox"/> Rejection
<b>Peer-reviewer statements</b>	Peer-Review: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous Conflicts-of-Interest: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

### SPECIFIC COMMENTS TO AUTHORS

All the problems have been solved.