PEER-REVIEW REPORT

Name of journal: *World Journal of Experimental Medicine*

Manuscript NO: 89320

Title: Future clinical prospects of C-peptide testing in the early diagnosis of gestational diabetes

Provenance and peer review: Invited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 05393454

Position: Editorial Board

Academic degree: PhD

Professional title: Professor

Reviewer's Country/Territory: India

Author's Country/Territory: Greece

Manuscript submission date: 2023-10-27

Reviewer chosen by: Yu-Lu Chen

Reviewer accepted review: 2023-11-21 07:40

Reviewer performed review: 2023-11-22 06:53

Review time: 23 Hours

Scientific quality	[ ] Grade A: Excellent [ ] Grade B: Very good [Y] Grade C: Good [ ] Grade D: Fair [ ] Grade E: Do not publish
Novelty of this manuscript	[ ] Grade A: Excellent [Y] Grade B: Good [ ] Grade C: Fair [ ] Grade D: No novelty
Creativity or innovation of this manuscript	[ ] Grade A: Excellent [Y] Grade B: Good [ ] Grade C: Fair [ ] Grade D: No creativity or innovation

Scientific significance of the conclusion in this manuscript	[ ] Grade A: Excellent [Y] Grade B: Good [ ] Grade C: Fair [ ] Grade D: No scientific significance
Language quality	[ ] Grade A: Priority publishing [Y] Grade B: Minor language polishing [ ] Grade C: A great deal of language polishing [ ] Grade D: Rejection
Conclusion	[ ] Accept (High priority) [ ] Accept (General priority) [ ] Minor revision [Y] Major revision [ ] Rejection
Re-review	[Y] Yes [ ] No
Peer-reviewer statements	Peer-Review: [Y] Anonymous [ ] Onymous
	Conflicts-of-Interest: [ ] Yes [Y] No

SPECIFIC COMMENTS TO AUTHORS

1. The English need improvement since there are some grammatical and syntax errors in the manuscript. For example, the words "like amount" may be as "like the amount"; "between A and B" as "between the A and B"; "in in the" as "in the"; "population though" as "population"; "pre-pregnancy" as "a pre-pregnancy"; "state after" as "state"; "finding application" as "and finding application"; "with necessary" as "with the necessary"; "already from" as "from". The grammar mistakes which are not mentioned here are also to be checked and corrected properly. 2. There are some typing mistakes as well, and authors are advised to carefully proof-read the text. For example, the words "c-peptide" may be as "C-peptide (including title)"; "in turn" as "in turn,"; "insulin indicate" as "insulin indicates"; "mitogen activated" as "mitogen-activated"; "Non-receptor mediated" as "Non-receptor-mediated"; "soughtbefore" as "sought before"; "potential severe" as "potentially severe". The typos not mentioned here are also to be checked and corrected properly. 3. Make a word abbreviated in the article that is repeated at least three times in the text, not all words to be abbreviated. 4. The literature search should be described in detail. The authors are encouraged to include the

database, search engines (like PubMed, ScienceDirect, Google scholar etc.,), the keywords used etc., which may be included since it is a review article. A diagram depicted the literature search should be included. 5. In introduction, the authors may cite recent prevalence or incidence data about gestational diabetes and it should be at-least of 2022-2023. 6. The authors are encouraged to include a diagram related with insulin synthesis and secretion and its mechanism of action for better understanding. And also one table related with what are the biochemical markers (HbA1c, Fructosamine) used to diagnose gestational diabetes other than fasting, postprandial or C-peptide. 7. The reference cited in the conclusion section should be removed and it may be given in any other part of the manuscript. The conclusion should be key points of the overall observation of the review only and not with others. 8. The limitation of the present review may be given along with conclusion or under separate heading for understanding the concepts clearly.

RE-REVIEW REPORT OF REVISED MANUSCRIPT

Name of journal: *World Journal of Experimental Medicine*

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Title: Future clinical prospects of C-peptide testing in the early diagnosis of gestational diabetes

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Reviewer's code: 05393454

Position: Editorial Board

Academic degree: PhD

Professional title: Professor

Reviewer's Country/Territory: India

Author's Country/Territory: Greece

Manuscript submission date: 2023-10-27

Reviewer chosen by: Li Li

Reviewer accepted review: 2023-12-12 04:32

Reviewer performed review: 2023-12-12 09:43

Review time: 5 Hours

Scientific quality	[ ] Grade A: Excellent [ ] Grade B: Very good [Y] Grade C: Good [ ] Grade D: Fair [ ] Grade E: Do not publish
Language quality	[ ] Grade A: Priority publishing [Y] Grade B: Minor language polishing [ ] Grade C: A great deal of language polishing [ ] Grade D: Rejection
Conclusion	[ ] Accept (High priority) [Y] Accept (General priority) [ ] Minor revision [ ] Major revision [ ] Rejection
Peer-reviewer	Peer-Review: [Y] Anonymous [ ] Onymous

statements	Conflicts-of-Interest: [ ] Yes [Y] No

SPECIFIC COMMENTS TO AUTHORS

1. There are some grammatical, alignments and typographical errors are noted in the manuscript and it should be thoroughly checked and corrected throughout the manuscript. For example, the words "c-peptide (in title)" may be as "C-peptide"; "restrictions of this" as "restrictions on this"; "insulin indicate" as "insulin indicates"; "women in" as "women at"; "or alternatively" as "or"; "at late" as "at the late".