

PEER-REVIEW REPORT

Name of journal: World Journal of Diabetes

Manuscript NO: 53265

Title: Maternal low-protein diet induces persistent expression changes in metabolic genes in male rats

Reviewer's code: 03408355

Position: Peer Reviewer

Academic degree: MD

Professional title: Doctor, Research Scientist

Reviewer's country: China

Author's country: France

Manuscript submission date: 2019-12-18

Reviewer chosen by: AI Technique

Reviewer accepted review: 2019-12-13 02:15

Reviewer performed review: 2019-12-13 02:18

Review time: 1 Hour

SCIENTIFIC QUALITY	LANGUAGE QUALITY	CONCLUSION	PEER-REVIEWER STATEMENTS
<input type="checkbox"/> Grade A: Excellent	<input type="checkbox"/> Grade A: Priority publishing	<input type="checkbox"/> Accept	Peer-Review:
<input checked="" type="checkbox"/> Grade B: Very good	<input checked="" type="checkbox"/> Grade B: Minor language	(High priority)	<input checked="" type="checkbox"/> Anonymous
<input type="checkbox"/> Grade C: Good	polishing	<input checked="" type="checkbox"/> Accept	<input 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 type="checkbox"/> Minor revision	topic of the manuscript:
publish	<input type="checkbox"/> Grade D: Rejection	<input type="checkbox"/> Major revision	<input checked="" type="checkbox"/> Advanced
		<input type="checkbox"/> Rejection	<input type="checkbox"/> General
			<input type="checkbox"/> No expertise
			Conflicts-of-Interest:
			<input type="checkbox"/> Yes
			<input checked="" type="checkbox"/> No



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<https://www.wjgnet.com>

SPECIFIC COMMENTS TO AUTHORS

No further comments.

INITIAL REVIEW OF THE MANUSCRIPT

Google Search:

- ☐ The same title
- ☐ Duplicate publication
- ☐ Plagiarism
- ☐ No

BPG Search:

- ☐ The same title
- ☐ Duplicate publication
- ☐ Plagiarism
- ☐ No

PEER-REVIEW REPORT

Name of journal: World Journal of Diabetes

Manuscript NO: 53265

Title: Maternal low-protein diet induces persistent expression changes in metabolic genes in male rats

Reviewer's code: 02650654

Position: Peer Reviewer

Academic degree: MD

Professional title: Associate Professor

Reviewer's country: Italy

Author's country: France

Manuscript submission date: 2019-12-18

Reviewer chosen by: AI Technique

Reviewer accepted review: 2019-12-19 07:01

Reviewer performed review: 2019-12-19 08:07

Review time: 1 Hour

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 checked="" type="checkbox"/> Grade B: Very good	<input type="checkbox"/> Grade B: Minor language	(High priority)	<input checked="" type="checkbox"/> Anonymous
<input type="checkbox"/> Grade C: Good	polishing	<input type="checkbox"/> Accept	<input 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
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SPECIFIC COMMENTS TO AUTHORS

If possible, underline the metabolic impact in humans.

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PEER-REVIEW REPORT

Name of journal: World Journal of Diabetes

Manuscript NO: 53265

Title: Maternal low-protein diet induces persistent expression changes in metabolic genes in male rats

Reviewer's code: 02860590

Position: Peer Reviewer

Academic degree: MD

Professional title: Associate Professor

Reviewer's country: Brazil

Author's country: France

Manuscript submission date: 2019-12-18

Reviewer chosen by: AI Technique

Reviewer accepted review: 2019-12-18 13:58

Reviewer performed review: 2019-12-30 22:27

Review time: 12 Days and 8 Hours

SCIENTIFIC QUALITY	LANGUAGE QUALITY	CONCLUSION	PEER-REVIEWER STATEMENTS
<input type="checkbox"/> Grade A: Excellent	<input 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 type="checkbox"/> Grade C: Good	polishing	<input type="checkbox"/> Accept	<input 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 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 type="checkbox"/> General
			<input type="checkbox"/> No expertise
			Conflicts-of-Interest:
			<input type="checkbox"/> Yes
			<input type="checkbox"/> No



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SPECIFIC COMMENTS TO AUTHORS

Article: The expression of glucose/fatty acid metabolism-related genes in the liver and adipose tissue is altered in male offspring submitted to maternal low-protein diet My specific queries and comments are below: Title: • The title is long; Could the authors change the title as few words as possible? Abstract: • The authors should extend the abbreviations, particularly if it is the first time that the term is mentioned. • The abstract is under-elaborated and the objectives should be clarified. • The abstract should be organized in Background and aims; Material and methods; Results and Conclusion. These sections are conflated. Introduction: • This section would have been strengthened by a thorough review of the literature. There is insufficient information in the Introduction to make a case for why the effects of perinatal low protein diet on the expression of key genes involved in the metabolism of glucose and fatty acid in the liver and adipose tissue of males rats offspring. • The results should be better described. The configurations of the figures should be improved. • The English should be revised. • Reviewer conclusion: Accept but needs minor and major revision.

INITIAL REVIEW OF THE MANUSCRIPT

Google Search:

- [] The same title
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- [Y] No

BPG Search:



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RE-REVIEW REPORT OF REVISED MANUSCRIPT

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Manuscript NO: 53265

Title: Maternal low-protein diet induces persistent expression changes in metabolic genes in male rats

Reviewer's code: 03408355

Position: Peer Reviewer

Academic degree: MD

Professional title: Doctor, Research Scientist

Reviewer's country: China

Author's country: France

Manuscript submission date: 2019-12-18

Reviewer chosen by: Le Zhang

Reviewer accepted review: 2020-03-23 12:29

Reviewer performed review: 2020-03-25 07:26

Review time: 1 Day and 18 Hours

SCIENTIFIC QUALITY	LANGUAGE QUALITY	CONCLUSION	PEER-REVIEWER STATEMENTS
<input type="checkbox"/> Grade A: Excellent	<input type="checkbox"/> Grade A: Priority publishing	<input type="checkbox"/> Accept	Peer-Review:
<input type="checkbox"/> Grade B: Very good	<input checked="" type="checkbox"/> Grade B: Minor language	(High priority)	<input checked="" type="checkbox"/> Anonymous
<input checked="" type="checkbox"/> Grade C: Good	polishing	<input checked="" type="checkbox"/> Accept	<input 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 type="checkbox"/> Minor revision	topic of the manuscript:
publish	<input type="checkbox"/> Grade D: Rejection	<input type="checkbox"/> Major revision	<input checked="" type="checkbox"/> Advanced
		<input type="checkbox"/> Rejection	<input type="checkbox"/> General
			<input type="checkbox"/> No expertise
			Conflicts-of-Interest:
			<input type="checkbox"/> Yes
			<input checked="" type="checkbox"/> No



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