

PEER-REVIEW REPORT

Name of journal: *World Journal of Diabetes*

Manuscript NO: 76315

Title: Association between urinary concentrations of bisphenol A substitutes and diabetes in adults

Provenance and peer review: Invited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 00504362

Position: Editorial Board

Academic degree: PhD

Professional title: Professor

Reviewer's Country/Territory: Chile

Author's Country/Territory: Spain

Manuscript submission date: 2022-03-11

Reviewer chosen by: AI Technique

Reviewer accepted review: 2022-03-12 11:15

Reviewer performed review: 2022-03-14 15:19

Review time: 2 Days and 4 Hours

Scientific quality	<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 Grade E: Do not publish
Language quality	<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
Conclusion	<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
Re-review	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

Peer-reviewer statements	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

This is an interesting manuscript, where the authors analyze urinary BPS and BPF in the American NHANES cohort and its possible relationship with diabetes mellitus. The different regression methods and statistics used were correctly selected. This reviewer has only one major concern. That is that the authors must include in the discussion section a more mechanistic explanation of the contribution of these compounds to the pathogenesis and onset of DM. In that sense, an excellent review, see <https://www.mdpi.com/2076-3298/8/4/35>, as well as other manuscripts from the same group of Céline Aguer in Canada, must be taken into consideration and mentioned and discussed in the text.

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Manuscript NO: 76315

Title: Association between urinary concentrations of bisphenol A substitutes and diabetes in adults

Provenance and peer review: Invited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 05566451

Position: Editorial Board

Academic degree: PhD

Professional title: Doctor

Reviewer's Country/Territory: China

Author's Country/Territory: Spain

Manuscript submission date: 2022-03-11

Reviewer chosen by: AI Technique

Reviewer accepted review: 2022-03-28 11:16

Reviewer performed review: 2022-04-01 15:31

Review time: 4 Days and 4 Hours

Scientific quality	<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
Language quality	<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
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**Peer-reviewer
statements**

Peer-Review: [☒] Anonymous [☐] Onymous

Conflicts-of-Interest: [☐] Yes [☒] No

SPECIFIC COMMENTS TO AUTHORS

A strong relationship between urinary BPS and diabetes risk has been determined, not observed with BPF. BPA substitute molecules do not exempt the population from potential health risks. This content is original and meaningful.