

## PEER-REVIEW REPORT

**Name of journal:** *World Journal of Pharmacology*

**Manuscript NO:** 81684

**Title:** Recurrent ciprofloxacin induced hypoglycemia in a non-diabetic patient: Case Report

**Provenance and peer review:** Unsolicited Manuscript; Externally peer reviewed

**Peer-review model:** Single blind

**Reviewer's code:** 02602042

**Position:** Editorial Board

**Academic degree:** MD, PhD

**Professional title:** Associate Professor, Dean, Deputy Director, Research Scientist

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

**Author's Country/Territory:** Saudi Arabia

**Manuscript submission date:** 2022-11-25

**Reviewer chosen by:** AI Technique

**Reviewer accepted review:** 2022-12-02 05:49

**Reviewer performed review:** 2022-12-08 02:36

**Review time:** 5 Days and 20 Hours

Scientific quality	<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 Grade E: Do not publish
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
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

<b>Peer-reviewer statements</b>	Peer-Review: [ <input checked="" type="radio"/> ] Anonymous [ <input type="radio"/> ] Onymous
	Conflicts-of-Interest: [ <input type="radio"/> ] Yes [ <input checked="" type="radio"/> ] No

## SPECIFIC COMMENTS TO AUTHORS

This is a complicated clinical case. The patient underwent exploratory laparotomy and intestinal surgeries repeatedly due to severe bowel perforation, ischemia and infection, and suffered from an episode of symptomatic hypoglycemia following the use of ciprofloxacin. Several case reports and studies had showed that ciprofloxacin could cause fatal hypoglycemia even in nondiabetic and previously healthy patients. In this case, old age, AKI, and severe illness condition should be the main risk factors for the ciprofloxacin-related hypoglycemia, which would be elaborated more in discussion section. On the other hand, levels of blood C-peptide and insulin were not examined during the period of using ciprofloxacin, which should be a limitation for explaining the mechanism of hypoglycemia caused by ciprofloxacin.