

## PEER-REVIEW REPORT

**Name of journal:** World Journal of Gastroenterology

**Manuscript NO:** 44549

**Title:** Reaction of antibodies to *Campylobacter jejuni* and cytolethal distending toxin B with tissues and food antigens

**Reviewer's code:** 03261325

**Reviewer's country:** Romania

**Science editor:** Ruo-Yu Ma

**Date sent for review:** 2018-12-27

**Date reviewed:** 2019-01-04

**Review time:** 4 Hours, 8 Days

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
			<input checked="" type="checkbox"/> No

### SPECIFIC COMMENTS TO AUTHORS

The potential role of *C. jejuni* in some diseases like IBS, IBD, Guillane-Barré syndrome is well known although the mechanisms are not fully understood. The study analyzes one of these potential mechanisms: the immunoreactivity of *C. jejuni*-specific antibodies



**Baishideng  
Publishing  
Group**

7901 Stoneridge Drive, Suite 501,  
Pleasanton, CA 94588, USA  
**Telephone:** +1-925-223-8242  
**Fax:** +1-925-223-8243  
**E-mail:** bpgoffice@wjgnet.com  
**https://** www.wjgnet.com

and C. jejuni Cytolethal distending toxin B antibodies with a variety of human tissues and food antigens. The paper is well written, with a solid documentation. There are some remarks: - Prescurtation CdtB was not explained at its first use in the text; it is used both as CdtB and CDB: e.g., “we examined the reaction of C. jejuni CdtB”, “The reaction of C. jejuni CDT antibody” - In the methods I think that the modality of preparing the food extracts should be briefly described (“180 different food extracts were prepared according to the procedure described in our earlier study”) - Some phrases are similar in introduction and discussion: “In humans, C. jejuni has been associated with different GI conditions, including irritable bowel syndrome (IBS), inflammatory bowel disease )IBD) (must be corrected!), Barrett’s esophagus and colorectal cancer. Moreover, C. jejuni has also been reported to be involved in extraintestinal manifestations, including bacteremia, reactive arthritis, lung infections, brain abscesses, meningitis, and the autoimmune conditions known as Guillain-Barré” and “In humans, the C. jejuni species have been associated with a range of gastrointestinal conditions, including inflammatory bowel diseases (IBD), Barrett’s esophagus, and colorectal cancer. They have also been reported to be involved in extragastrointestinal manifestations, including bacteremia, lung infections, brain abscesses,meningitis, and reactive arthritis” - I think that the discussions have to be more powerful regarding the significance of the results (reactivity with some tissues and food antigens).

## INITIAL REVIEW OF THE MANUSCRIPT

### *Google Search:*

- [ ] The same title
- [ ] Duplicate publication
- [ ] Plagiarism
- [ Y ] No



**Baishideng  
Publishing  
Group**

7901 Stoneridge Drive, Suite 501,  
Pleasanton, CA 94588, USA

**Telephone:** +1-925-223-8242

**Fax:** +1-925-223-8243

**E-mail:** bpgoffice@wjgnet.com

**<https://www.wjgnet.com>**

***BPG Search:***

[ ] The same title

[ ] Duplicate publication

[ ] Plagiarism

[ Y ] No