

## PEER-REVIEW REPORT

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

**Manuscript NO:** 45926

**Title:** Bacterial Biofilms in Human GI Tract: an intricate balance between health and Inflammatory Bowel Diseases

**Reviewer's code:** 04860882

**Reviewer's country:** China

**Science editor:** Li-Jun Cui

**Date sent for review:** 2019-01-23

**Date reviewed:** 2019-01-24

**Review time:** 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 checked="" type="checkbox"/> Grade B: Very good	<input checked="" type="checkbox"/> Grade B: Minor language	(High priority)	<input type="checkbox"/> Anonymous
<input type="checkbox"/> Grade C: Good	polishing	<input checked="" type="checkbox"/> Accept	<input checked="" 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 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 authors have reassessed various factors contributing to IBD, genetic dysbiosis and pathogenic influence in the gut microbiota during IBD and presented available IBD therapies. It could be a valuable reference to peer readers. The tables and figures are



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attractive. It's suggested to be published after minor language polishing.

#### 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 Pharmacology

**Manuscript NO:** 45926

**Title:** Bacterial Biofilms in Human GI Tract: an intricate balance between health and Inflammatory Bowel Diseases

**Reviewer's code:** 04424227

**Reviewer's country:** China

**Science editor:** Li-Jun Cui

**Date sent for review:** 2019-01-23

**Date reviewed:** 2019-01-26

**Review time:** 1 Hour, 3 Days

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 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 manuscript by Niharika Chandra et al. summarizes various factors contributing to IBD, genetic dysbiosis and pathogenic influence in the gut microbiota during IBD, interactions such as microbiome-host immune system interaction and microbe-microbe



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interactions involved in IBD, currently available IBD therapies, followed by a detailed review of on bacterial infections that might be involved in IBD, both in global and Indian context. Overall, the overview was comprehensive and up-to-date. However, aspects of written English need correcting throughout the manuscript including the abstract.

#### **INITIAL REVIEW OF THE MANUSCRIPT**

##### ***Google Search:***

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

##### ***BPG Search:***

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- ☐ Plagiarism
- ☐ No

## PEER-REVIEW REPORT

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

**Manuscript NO:** 45926

**Title:** Bacterial Biofilms in Human GI Tract: an intricate balance between health and Inflammatory Bowel Diseases

**Reviewer's code:** 00503345

**Reviewer's country:** Canada

**Science editor:** Li-Jun Cui

**Date sent for review:** 2019-01-23

**Date reviewed:** 2019-01-26

**Review time:** 4 Hours, 3 Days

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 type="checkbox"/> Accept	<input type="checkbox"/> Onymous
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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

This is an interesting review. I have a number of minor comments and suggestions listed below. -The authors should make clear from the beginning that patient cohort studies examine the microbiota after IBD onset, making it difficult to interpret the



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involvement of microbial factors as a causative agents for IBD. -Page 6: Psychological stress is considered an environmental factor that contributes to disease flare-ups. This point should also be highlighted. -Page 17: What IBM stands for? To my knowledge inclusion body myositis (IBM) is not really a gastrointestinal inflammatory disease and the gut microbiome is known to influence the onset and the progression of numerous autoimmune diseases including neurodegenerative disorders. Why focusing on IBM?

#### **INITIAL REVIEW OF THE MANUSCRIPT**

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