



**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 polishing	(High priority)	<input type="checkbox"/> Anonymous
<input type="checkbox"/> Grade C: Good		<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 language polishing	(General priority)	Peer-reviewer's expertise on the topic of the manuscript:
<input type="checkbox"/> Grade E: Do not publish	<input type="checkbox"/> Grade D: Rejection	<input type="checkbox"/> Minor revision	<input type="checkbox"/> Advanced
		<input type="checkbox"/> Major revision	<input checked="" type="checkbox"/> General
		<input type="checkbox"/> Rejection	<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:***

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- 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 polishing	(High priority)	<input checked="" type="checkbox"/> Anonymous
<input type="checkbox"/> Grade C: Good		<input type="checkbox"/> Accept	<input type="checkbox"/> Onymous
<input type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade C: A great deal of language polishing	(General priority)	Peer-reviewer's expertise on the topic of the manuscript:
<input type="checkbox"/> Grade E: Do not publish	<input type="checkbox"/> Grade D: Rejection	<input checked="" type="checkbox"/> Minor revision	<input type="checkbox"/> Advanced
		<input type="checkbox"/> Major revision	<input checked="" type="checkbox"/> General
		<input type="checkbox"/> Rejection	<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:***

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

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- 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 polishing	(High priority)	<input checked="" type="checkbox"/> Anonymous
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		<input type="checkbox"/> Major revision	<input checked="" type="checkbox"/> General
		<input type="checkbox"/> Rejection	<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?

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