

## ESPS PEER REVIEW REPORT

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

**ESPS manuscript NO:** 11781

**Title:** Effectiveness of probiotics IN all subtypes of irritable bowel syndrome: A systematic review with meta-analysis OF 1793 patients

**Reviewer code:** 00185965

**Science editor:** Yuan Qi

**Date sent for review:** 2014-06-04 20:13

**Date reviewed:** 2014-06-16 15:49

CLASSIFICATION	LANGUAGE EVALUATION	RECOMMENDATION	CONCLUSION
<input type="checkbox"/> Grade A: Excellent	<input type="checkbox"/> Grade A: Priority publishing	Google Search:	<input type="checkbox"/> Accept
<input type="checkbox"/> Grade B: Very good	<input checked="" type="checkbox"/> Grade B: Minor language polishing	<input type="checkbox"/> Existing	<input type="checkbox"/> High priority for publication
<input checked="" type="checkbox"/> Grade C: Good	<input type="checkbox"/> Grade C: A great deal of language polishing	<input type="checkbox"/> No records	<input type="checkbox"/> Rejection
<input type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade D: Rejected	BPG Search:	<input type="checkbox"/> Minor revision
<input type="checkbox"/> Grade E: Poor		<input type="checkbox"/> Existing	<input checked="" type="checkbox"/> Major revision
		<input type="checkbox"/> No records	

## COMMENTS TO AUTHORS

### INTRODUCTION

Genetics background and environmental factors such as inflammatory bowel disease (IBD) exposure in a family member...-IBD as an environmental factor?

"Moreover, probiotics stimulate goblet cells to produce mucus leading to enhance the intestinal barrier function, bowel movements and visceral hypersensitivity"- did you mean reduce visceral hypersensitivity

### METHODS

Study selection

Three reviewers inspected the topic and abstracts

Maybe the clear inclusion and exclusion criteria for studies should be stated

### RESULTS OF SYSTEMATIC REVIEW (DBF)

"Simren et al reported the significant recovered bloating severity after two weeks of treatment with probiotics more than placebo, but no significant difference was observed between two compared groups at the end of trial"- instead of recovered consider reduction of... or recovery in...

### META ANALYSIS

We are missing risk of bias assesment. Authors provide us only with assesment of publication bias which is not enough



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### DISCUSSION

"By use of probiotics and integrating into the host bowel," - I would propose different sentence structure (the use of probiotics and their integration in the host gut...)

"Moreover, probiotics modify the intestinal microbiota leading to change fermentation pattern inside the colon and reduction of flatulence"- ... leading to a change of pattern of fermentation

### REFERENCES

No 18 first author name in Bold