



BAISHIDENG PUBLISHING GROUP INC

8226 Regency Drive, Pleasanton, CA 94588, USA

Telephone: +1-925-223-8242

Fax: +1-925-223-8243

E-mail: bpgoffice@wjgnet.com

http://www.wjgnet.com

ESPS PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology

ESPS manuscript NO: 21087

Title: EFFECT OF RIFAXIMIN ON MICROBIOTA COMPOSITION IN ADVANCED LIVER DISEASE

Reviewer's code: 03415937

Reviewer's country: United States

Science editor: Ya-Juan Ma

Date sent for review: 2015-07-03 08:28

Date reviewed: 2015-08-12 02:21

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

COMMENTS TO AUTHORS

I reviewed the manuscript "EFFECT OF RIFAXIMIN ON MICROBIOTA COMPOSITION IN ADVANCED LIVER DISEASE". It is a precise and descriptive review article, especially the tables are very informative. Minor suggestions: 1) It will be worth to add some information on what normal GI microbiota looks like before discussing "THE "FINGERPRINT" OF GUT MICROBIOTA IN LIVER CIRRHOSIS". 2) In the introduction: "Rifaximin is a non-systemic antibiotic approved for the treatment of traveler's diarrhea and overt HE". IBS-D should also be added to this list. 3) Please define abbreviations before using them, also include them in the figure and table legends if they have been used.



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ESPS PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology

ESPS manuscript NO: 21087

Title: EFFECT OF RIFAXIMIN ON MICROBIOTA COMPOSITION IN ADVANCED LIVER DISEASE

Reviewer's code: 03217946

Reviewer's country: Denmark

Science editor: Ya-Juan Ma

Date sent for review: 2015-07-03 08:28

Date reviewed: 2015-08-06 16:37

CLASSIFICATION	LANGUAGE EVALUATION	SCIENTIFIC MISCONDUCT	CONCLUSION
<input type="checkbox"/> Grade A: Excellent	<input type="checkbox"/> Grade A: Priority publishing	Google Search:	<input type="checkbox"/> [Y] Accept
<input type="checkbox"/> [Y] Grade B: Very good	<input type="checkbox"/> [Y] Grade B: Minor language polishing	<input type="checkbox"/> The same title	<input type="checkbox"/> [] High priority for publication
<input type="checkbox"/> Grade C: Good	<input type="checkbox"/> Grade C: A great deal of language polishing	<input type="checkbox"/> Duplicate publication	<input type="checkbox"/> [] Rejection
<input type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade D: Rejected	<input type="checkbox"/> Plagiarism	<input type="checkbox"/> [] Minor revision
<input type="checkbox"/> Grade E: Poor		<input type="checkbox"/> [Y] No	<input type="checkbox"/> [] Major revision
		BPG Search:	
		<input type="checkbox"/> The same title	
		<input type="checkbox"/> Duplicate publication	
		<input type="checkbox"/> Plagiarism	
		<input type="checkbox"/> [Y] No	

COMMENTS TO AUTHORS

This is an interesting, thoroughly and well written review on the effect of rifaximin on gut microbiota, hepatic encephalopathy and spontaneous bacterial peitonitis in advanced liver disease. I have the follwing comments: 1. Title should be changed to include the effect on hepatic encephalopathy and spontaneous bacterial peritonitis. 2. Abstract: The abbreviation SBP should be spelled out in line 7 where "spontaneous bacterial peritonitis" first occur. In core tip it is mentioned that rifaximin has beneficial effects on hemodynamics in cirrhotic patients, but this is not mentioned in the abstract. 3. Core tip line 4: HE is not explained. I guess it should be "at risk of hepatic encephalopathy" 4. Introduction line 2: Spell HE out. No other comments



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ESPS PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology

ESPS manuscript NO: 21087

Title: EFFECT OF RIFAXIMIN ON MICROBIOTA COMPOSITION IN ADVANCED LIVER DISEASE

Reviewer's code: 03295139

Reviewer's country: United States

Science editor: Ya-Juan Ma

Date sent for review: 2015-07-03 08:28

Date reviewed: 2015-08-07 01:34

CLASSIFICATION	LANGUAGE EVALUATION	SCIENTIFIC MISCONDUCT	CONCLUSION
<input type="checkbox"/> Grade A: Excellent	<input type="checkbox"/> Grade A: Priority publishing	Google Search:	<input type="checkbox"/> [Y] Accept
<input type="checkbox"/> [Y] Grade B: Very good	<input type="checkbox"/> [Y] Grade B: Minor language polishing	<input type="checkbox"/> The same title	<input type="checkbox"/> [] High priority for publication
<input type="checkbox"/> Grade C: Good	<input type="checkbox"/> Grade C: A great deal of language polishing	<input type="checkbox"/> Duplicate publication	<input type="checkbox"/> [] Rejection
<input type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade D: Rejected	<input type="checkbox"/> Plagiarism	<input type="checkbox"/> [] Minor revision
<input type="checkbox"/> Grade E: Poor		<input type="checkbox"/> [Y] No	<input type="checkbox"/> [] Major revision
		BPG Search:	
		<input type="checkbox"/> The same title	
		<input type="checkbox"/> Duplicate publication	
		<input type="checkbox"/> Plagiarism	
		<input type="checkbox"/> [Y] No	

COMMENTS TO AUTHORS

Ponziani et al have very thoroughly reviewed role of rifaximin in promoting healthy composition of gut microbiota and improving the health of liver cirrhosis patients. This is an important review and will have significant impact on therapeutic manipulation of gut microbiota in treatment and/or management of various pathologies. Professional editing of language will significantly improve the manuscript. Please replace the words such as sickest individuals with other appropriate words such as most severe etc. They state in introduction that have demonstrated that rifaximin does not really change the overall composition of gut microbiota, but promotes the growth of bacteria beneficial to the gut. There is slight contraction in first and second part of this sentence. It should be corrected to convey the substance in a simple way.



ESPS PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology

ESPS manuscript NO: 21087

Title: EFFECT OF RIFAXIMIN ON MICROBIOTA COMPOSITION IN ADVANCED LIVER DISEASE

Reviewer’s code: 00003472

Reviewer’s country: Japan

Science editor: Ya-Juan Ma

Date sent for review: 2015-07-03 08:28

Date reviewed: 2015-08-03 16:47

CLASSIFICATION	LANGUAGE EVALUATION	SCIENTIFIC MISCONDUCT	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 type="checkbox"/> Grade B: Minor language polishing	<input type="checkbox"/> The same title	<input type="checkbox"/> High priority for publication
<input type="checkbox"/> Grade C: Good	<input type="checkbox"/> Grade C: A great deal of language polishing	<input type="checkbox"/> Duplicate publication	<input type="checkbox"/> Rejection
<input type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade D: Rejected	<input type="checkbox"/> Plagiarism	<input type="checkbox"/> Minor revision
<input type="checkbox"/> Grade E: Poor		<input type="checkbox"/> No	<input type="checkbox"/> Major revision
		BPG Search:	
		<input type="checkbox"/> The same title	
		<input type="checkbox"/> Duplicate publication	
		<input type="checkbox"/> Plagiarism	
		<input type="checkbox"/> No	

COMMENTS TO AUTHORS

Ponziani et al. have reviewed composition of gut microbiota in patients with liver cirrhosis. Then, they discussed the effects of rifaximin in patients with hepatic encephalopathy and/or spontaneous bacterial peritonitis. The present paper is a comprehensive and well-written review. However, I have a few comments. 1. Terminology in gut microbiota is difficult to understand for non-specialists. Enterobacteriaceae in gut microbiota is one of key families in patients with liver cirrhosis. Enterobacteriaceae family includes E. coli and Klebsiella, key bacteria for spontaneous bacterial peritonitis. However, many readers are required to consult a dictionary to understand forementioned relationship. These additional explanations help readers to understand easily. 2. Although Table 1 and Table 2 include a lot of important information, some words are divided into two lines. Please modify these tables as readable one. 3. Some abbreviations are not spelled out at the first appearance.