



BAISHIDENG PUBLISHING GROUP INC

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

Telephone: +1-925-223-8242

Fax: +1-925-223-8243

E-mail: bpgoffice@wjgnet.com

http://www.wjgnet.com

PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology

Manuscript NO: 32316

Title: Partial External Biliary Diversion in BSEP deficiency: association between outcome and mutation

Reviewer's code: 02954069

Reviewer's country: Turkey

Science editor: Yuan Qi

Date sent for review: 2017-01-05

Date reviewed: 2017-01-15

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

The authors reported two patients with different mutations of the bile salt export pump which affect its residual function and substrate specificity. This is a well-written paper. I wonder whether the authors can acknowledge the readers about the differences between BRIC-2 and PFIC-2 with respect to mutations of BSEP.



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PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology

Manuscript NO: 32316

Title: Partial External Biliary Diversion in BSEP deficiency: association between outcome and mutation

Reviewer's code: 03668426

Reviewer's country: Chile

Science editor: Yuan Qi

Date sent for review: 2017-01-05

Date reviewed: 2017-01-16

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

1.- Methods: why did you choose six non-cholestatic patients only operated for oncological reasons? I'm guessing if there's any difference in bile characteristics between healthy patients?

PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology

Manuscript NO: 32316

Title: Partial External Biliary Diversion in BSEP deficiency: association between outcome and mutation

Reviewer's code: 03476246

Reviewer's country: Egypt

Science editor: Yuan Qi

Date sent for review: 2017-01-05

Date reviewed: 2017-01-18

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 checked="" type="checkbox"/> Grade B: Very good	<input checked="" 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 checked="" 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

Ellinger and colleagues tried to investigate in a smart molecular work the cause of different outcomes of PEBD treatment for severe BSEP deficiency. They suggested that residual function of BSEP as well as substrate specificity influence the therapeutic effectiveness of PEBD in PFIC-2. The manuscript is well written, however, there are some concerns before acceptance for publication. Major points: - What are the other factors studied as determinants for the outcome of PEBD? - What about the clinical, laboratory, and histological status of the 2 patients? - For how long both patients received UDCA and other therapies before undergoing to surgical intervention by PEBD? It is known that UDCA will affect the BSEP expression and BS synthesis and excretion. - Selection of controls is not appropriate. - It is premature to conclude this from 2 case studies, especially with some differences as sex, among others. It is better to be reported as a limitation in this work. Minor points: Abstract: - Aim: it is better to say "to investigate the relation of two different mutations to the outcome of partial external



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biliary diversion", as no significant other causes were studied. - How you classify the disease status as severe and others? Please explain. - Some typing mistakes: e.g. mistakes regarding usage of abbreviations; PEBD was not abbreviated at its first appearance in the abstract; on the other hand BSEP was presented in an abbreviated form in their 1st appearance. Also, abbreviation should follow the spelled out name and not the reverse (e.g. UPLC-MS/MS). In results: HEK293 was abbreviated before in the methods section of the abstract. - Results: line 5; "while total BS were reduced to <3% of controls". It is known that biliary BS is low in BSEP deficiency disease. So, what about the pre-PEBD biliary BS measure to say reduced to < 3%. The same for the other patient. Introduction: - The last paragraph: don't mention the results in this section.



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PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology

Manuscript NO: 32316

Title: Partial External Biliary Diversion in BSEP deficiency: association between outcome and mutation

Reviewer's code: 03546970

Reviewer's country: China

Science editor: Yuan Qi

Date sent for review: 2017-01-05

Date reviewed: 2017-01-22

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"/> 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"/> [Y] 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

1.The article is innovative. 2.The article suggests that residual function of BSEP as well as substrate specificity influence the therapeutic effectiveness of PEBD in PFIC-2, But the number of patients included in this study is small. It hopes that the author provides more cases. 3.For the article references it suggests to update some recent studies(5years).