

January 2, 2014

Dear Editor,

Please find enclosed the edited manuscript in Word format (file name: 6315-atypical causes of cholestasis-world journal of Gastroenterology 2013-answers to editorial comment 1-2-14.doc).

Title: Atypical causes of cholestasis

Author: Ken Nguyen, Vinay Sundaram, Walid S Ayoub

Name of Journal: *World Journal of Gastroenterology*

ESPS Manuscript NO: 6315

The manuscript has been improved according to the suggestions of reviewers:
1 Format has been updated

2 Revision has been made according to the suggestions of the reviewer

(1) Reviewer 02447025: This review is aimed toward clinicians and their approach to management of cholestasis. It is not intended as a molecular review of the causes of cholestasis. Therefore, a detailed review of the molecular basis of cholestasis is not intended. Instead, we added a short description of the function of FIC1, BSEP and MRP3.

(2) Reviewer 02447096:

Minor formal aspects - The abbreviations ALP, GGT, AST and ALT appear at page 4 when all of them are mentioned for the first time: a descriptive wording of AST, ALT and GGT has been added to the manuscript.

Page 5 paragraph 2: please check the third sentence in the first paragraph: involve five body systems (liver, heart, skeleton, face, and eye) and is the basis for the "Classic Criteria" described by Alagille to establish the diagnosis. The sentence has been changed to: ALGS may involve five body areas (liver, heart, skeleton, face, and eye). The involvement of these areas is the basis for the "Classic Criteria" described by Alagille to establish the diagnosis^[13] (Table 1)

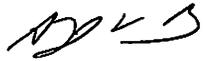
(3) Reviewer 00038758:

1. In the discussion of Benign Recurrent Intrahepatic Cholestasis (BRIC) the authors mention mutations in FIC1. It would be informative to give the readers a brief description of what is known concerning FIC1 function. Similarly, in the discussion of Progressive Familial Intrahepatic Cholestasis (PFIC), the authors mention mutations in BSEP, MRP3 and FIC1. Again, a brief description of the function of these proteins would be informative and provide readers with a mechanistic basis for their involvement in cholestasis: We have changed the paragraph to include the functions of FIC1, BSEP and MRP3.

2. There are several, not too many, sentences that are poorly written. A thorough proof-reading should clean up these errors: We have edited and corrected the grammar and syntax in the manuscript.

Thank you again for publishing our manuscript in the *World Journal of Gastroenterology*.

Sincerely yours,

A handwritten signature in black ink, appearing to read 'W S Ayoub'.

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