

## Format for ANSWERING REVIEWERS



March 13<sup>th</sup> 2014

Dear Editor,

Please find enclosed the edited manuscript in Word format (file name: 8432-edited.doc).

**Title:** Genetics of Acute and Chronic Pancreatitis: An Update

**Author:** V.V. Ravi Kanth, D. Nageshwar Reddy

**Name of Journal:** *World Journal of Gastrointestinal Pathophysiology*

**ESPS Manuscript NO:** 8432

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

Reviewer 1:

**Comment 1:** The review is mainly restricted to discussing mutations in the PRSS1, SPINK1, CTRC, CTSB, CASR, CFTR, CLDN2 and CPA1 genes, but proinflammatory genes are only very briefly mentioned in the Introduction. The latter genes deserve more attention.

**Response:** We thank the author for the comment. We have now included a paragraph on the genetics of proinflammatory genes.

Minor points:

**Comment 1:** Per scientific convention, genes names should be set in Italics and proteins in Roman. This needs to be corrected in the paper.

**Response:** The mentioned corrections have been made to the paper.

**Comment 2:** When using abbreviations, write them out in full when first mentioning them (e.g. GWAS), then use them consequently (e.g. AP, CP) throughout the manuscript. Please do not use abbreviations in titles (e.g. page 5).

**Response:** The abbreviations have been corrected as suggested. Abbreviation in titles have been expanded.

**Comment 3:** It would be worth mentioning the [www.pacreasgenetics.org](http://www.pacreasgenetics.org) website which contains a comprehensive database of PRSS1, CTRC and CPA mutations.

**Response:** The database reference has been added

Reviewer 2

**Comment 1:** Introduction, first paragraph: Do you mean chronic pancreatitis instead of pancreatitis?

**Response:** Yes. It was a typographical error. Pancreatitis is now changed to Chronic pancreatitis

**Comment 2:** You must include in the first hit etiologies gallstones, the most frequent etiology of acute pancreatitis.

**Response:** "Gallstones" has been added

**Comment 3:** After the word (SAPE) please add the reference.

**Response:** Relevant reference has been added.

**Comment 4:** Sometimes in the introduction the reader may not be sure if you are referring to chronic or acute pancreatitis.

**Response:** The relevant word has been added

**Comment 5:** In general I think that you should also include findings in controls: some of the mutations you are describing are frequent in general population (CFTR, SPINK-1). In your description of the studies you should include the frequency of the mutations in general population and whether the mutations were more frequent in pancreatitis patients than in controls.

**Response:** The frequency of mutations in controls has been added, where ever available.

**Comment 6:** Claudin-2 paragraph: you wrote Caudin-2, and later caludin-2; hemizygous. In the final summary you mention the abbreviation GWAS, and later you explain its meaning; do it in the first sentence, please.

**Response:** The changes have been made as suggested.

References and typesetting were corrected

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

Sincerely yours,



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