

ANSWERING REVIEWERS

Marc 26, 2015

Dear Editor,



Please find enclosed the edited manuscript in Word format (file name: 16757_edited_Bagyanszki.docx).

Title: Gut region-dependent alterations of nitrergic myenteric neurons after chronic alcohol consumption

Author: Mária Bagyánszki, Nikolett Bódi

Name of Journal: World Journal of Gastrointestinal Pathophysiology

ESPS Manuscript NO: 16757

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

Answer to referee number 01557050

Comments 1. The authors should show before and after exposed ethanol in Figure 1. Then, we will understand alterations of nitrergic myenteric neurons.

Photographs were published according to the myenteric neurons after NO-, PGP9.5- and HuC/D immunostainings from the different intestinal segments of control and ethanol-treated animals in our original papers (Krecsmarik et al 2006, Bagyánszki et al. 2010, 2011). Our aim to publish Figure 1 in this Editorial was only to give a representative photograph of the nitrergic myenteric neurons.

Besides Figure 1 we can publish a graph with the data of the region-specific changes in the number of myenteric neurons (Figure 2). This graph is more informative than to show several representative photos.

Answer to referee number 00055095

1. The text should be carefully checked for typos (?impaires" in running title),

Thank you very much for your suggestion, misspellings is corrected in the manuscript.

2. I would like to see a scheme (figure) on nitrergic motility regulation in different parts of the GI tract (e.g. small-, large intestines) and on the possible effects of ethanol they provide data for. This would improve the quality of the paper significantly.

The new version of the manuscript is completed with Figure 3 which shows the altered motility (gastric motility and small intestinal transit) in the ethanol-treated mice compare to control group.

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

Sincerely yours,

A handwritten signature in blue ink, appearing to read 'Mária Bagyánszki'.

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