Reviewer’s report

Title: Prevalence of Celiac Disease in Multiple Sclerosis

Version: 1 Date: 26 November 2010

Reviewer: Peter Green

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MAJOR CRITICISM/c

1. the authors have performed an admirable study in screening these subjects with MS for celiac disease. They however should provide more analyses of the data. They should perform logistic regression to identify factors that may increase the risk of developing celiac disease, especially interferon therapy (this has been suggested to precipitate celiac disease in patients with hepatitis C), does treatment with steroids reduce the risk as expected? What factors in the patients increase the risk? This would add enormously to the paper

2. The discussion has too much about pathophysiol of celiac disease

MINOR POINTS

1. introduction, second paragraph “It predominantly affects..” should be “MS predom....”

2. Table 1. maternity, I assume that means have had children?

3. table 1. the number in parenthesis is unclear. Please state when this is a %

4. page 11, bottom line. In celiac disease reactions are towards wheat, rye and barley. Would leave out oats because that is very, very rare

5. page 12 and 13. there are a couple of paragraphs discussing the pathophysiology of celiac disease that could be deleted as they don’t add to the theme of the paper

Level of interest: An article of importance in its field

Quality of written English: Acceptable

Statistical review: No, the manuscript does not need to be seen by a statistician.

Declaration of competing interests:

'I declare that I have no competing interests'