Reviewer's report

Title: Mucosal Progranulin expression is induced by H. pylori, but independent of Secretory Leukocyte Protease Inhibitor (SLPI) expression

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Reviewer: Hassan Ashktorab

Reviewer's report:

This is an interesting manuscript related to mucosal Progranulin expression is induced by H. pylori, which the author claim to be independent of Secretory Leukocyte Protease Inhibitor (SLPI) expression. Even though the study itself is not novel the approach and design is novel.

The author mentioned in page 14 that “The results obtained in the AGS cell model do partially not correspond to the ex vivo findings. While ex vivo data demonstrated an upregulation of Progranulin by H. pylori, in the AGS cell model, the secretion was strongly induced, whereas the cellular expression was decreased.”.

I would be nice that the author suggest their model in a form of figure to show the pathway that the H. pylori takes for the induce such secretory responses.

Minor comments:
Page 8, lane 167 make sure the spelling of xylol is correct
Page 8, lane 168 what is thrice meant to be?
Page 11, lane 248, please define a.u
Page 13, lane 295 elastase / SLP1 delete the space the same in lane 296

Level of interest: An article of importance in its field

Quality of written English: Acceptable

Statistical review: Yes, but I do not feel adequately qualified to assess the statistics.

Declaration of competing interests:
'I declare that I have no competing interests'