Reviewer's report

Title: Angiotensin II receptor expression and relation to Helicobacter pylori-infection in stomach of the Mongolian gerbil

Version: 2 Date: 24 July 2009

Reviewer: Hiroto Miwa

Reviewer’s report:

The authors described expression of angiotensin II receptors in the stomach was described in this manuscript. They reported different expression of these receptors according to SS1 and TN2GF4 H.pylori strain. They found levels of Angiotensin II receptors expression correlates to PMN cells, yet pathophysiological roles of this finding is unfortunately unclear because their study is basically observational.

1) Do only the PMN cells in the gastric wall express AT1R? Was the level of expression of AT1R on PMNs different between PMNs in H.pylori infected gastric mucosa and those in peripheral circulating blood? In other words, does AT1R in PMNs in gastric epithelium have any specific physiological roles or just an epi-phenomenon by infiltration of PMNs?

2) The discussion is tedious and too long.

3) P17, third sentence, “Another finfdings……..” Such explanation of TN2GF4 bacteria possessing less AT1R is apparently overstated. The speculation “Taken together…..” (p16, line 20) does not make sense to me either.

Level of interest: An article of limited interest

Quality of written English: Needs some language corrections before being published

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.