Reviewer's report

Title: Expression profiles of ANXA1 in human gastrointestinal cancers and downregulation of ANXA1 in gastric cancer

Version: 2 Date: 28 April 2014

Reviewer: shengzhi wang

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Over all, the authors did a satisfactory job in addressing the major concerns. Now they have provided strong evidence to show “ANXA1 inhibits GC cell viability via regulating COX-2 expression”. Some minor concerns remain to be further clarified as listed below:

1. Figure 1A and figure 3A: Please label the Y axis.
2. The authors claimed they used CCK8 assay for proliferation assessment in Methods section (page 7, paragraph 3) while in figure legends, they claimed MTT assay instead. Please correct it.
3. Figure 4D, Figure 5 C and D: As the labels of Y axis, how is the “cell viability” or “proliferation rate” is defined? If cell proliferation was assessed using CCK8 assay (as the authors claimed), the y axis should be the unit of absorbance or normalized viable cell counts as the alias at different time points? Using “cell viability” or especially “proliferation rate” is inappropriate here, which misleadingly suggest the proliferation rate is changing at different time points? On the other hand, I have no problem for the authors using “cell viability” at Figure 6A and 6C since it is “the ratio of viable cells at 48 h compared to that at 0 h” and truly reflected the proliferation capacity of the cells under different conditions.

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