Reviewer’s report

Title: Increase of Gap Junction Activities in SW480 Human Colorectal Cancer Cells

Version: 2
Date: 17 April 2014

Reviewer: Marisa Ionta

Reviewer’s report:

Minor Essential Revisions
Methods section
The authors should include some additional information:
1- The cell culture conditions should be added;
2- In subtopic “Western Blot”, it is necessary to include: 1) cell density used in plating; 2) cell growth area; 3) how long the cells were cultured before of the treatment;

Results
Figure 4A is not mentioned in the text.
Pag. 8, lines 155-156
The authors affirm “Isoform expression of Cx43 has shifted from P0 form to P1 form in the Cx43 transfected cells”. However, immunoreactive bands for Cx43 are not observed in control sample (figure 1). Therefore, it is necessary to revise this point.

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