Reviewer's report

**Title:** Evaluation of ES-derived neural progenitors as a potential source for cell replacement therapy in the gut.

**Version:** 4  **Date:** 27 July 2011

**Reviewer:** maria giuliana Giuliana vannucchi

**Reviewer's report:**

The paper maintains its potential interesting although the in vivo procedure is spoilt by the stem cell chosen. The authors have made several changes in the writing in regard to the content, also added some few experiments, the quality of the images, after the authors have made order on them, is good. Finally the authors have adjusted the discussion avoiding too much speculation.

Hopefully, as soon as the authors will get much money and personnel, they continue their research with the aim to follow the suggestions that I (and likely the other referees) recommended (such as to investigate their cells in different experimental conditions under the TEM, eventually asking for collaborations).

**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'