Reviewer's report

**Title:** Synergistic effect of anti-angiogenic and anti-erbbs treatment in orthotopic models of human testicular germ cell tumors

**Version:** 1  **Date:** 3 June 2013

**Reviewer:** Marco Barchi

**Reviewer's report:**

The paper from Juliachs M et al., describe the effect in vivo of lapatinib and Pazopamib on an orthotopic model of TGCT intrinsically sensitive (TGT38) and resistant (TGCT44) to cisplatin treatment.

The paper is overall very clear, well written and results straightforward. Few comments are shown below:

**Major points:**

Page 7 row 22. The authors state that drugs treatment do not have significant effect on body weight. Please provide a table in supplementary. In addition, it is require to show whether Lapatinib and pazopamib single and combined treatments have a toxic effect on specific sensitive organs. It is mandatory to show wether drug-induced apoptotic effects are induced in liver, kidney and GI tract.

**Minor points:**

Page 7, row 8th. Please specify how pazopanib is orally administrated (gavages? Drink water?)

Page 7, row 12, please specify the number of mice in the “control group”

Page 11, row 19, please use a different nomenclature for each picture within figure 1A e.g. Fig1AI, Fig1AII…Fig1AXV or alternatively use italic letters (Fig1A a., b….o)

Page 24 and 25, please in Figure legends of Figures 2-5specify whether the Mann-Whitney U Test is one tail or two-tail test.

**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 I have no competing interests.