Reviewer's report

**Title:** Assessment of anti-inflammatory tumor treatment efficacy by longitudinal monitoring employing sonographic micro morphology in a preclinical mouse model.

**Version:** 2  **Date:** 21 February 2011

**Reviewer:** Weibo Cai

**Reviewer's report:**

**Major Compulsory Revisions**

This paper describes the use of sonography for monitoring the therapeutic efficacy of a drug. There is not enough detail regarding how the tumor border was defined in sonography, which is critical to the conclusion. In both Figure 1 and Figure 2, there is a mismatch between the “sonographic volume final” and the “physical weight final”. Why is this the case? Obviously, the sonography techniques they used cannot accurately represent the tumor volume.

Some actual sonography images should be shown to illustrate how the tumor border was defined and how the tumor volume was measured.

**Level of interest:** An article of insufficient interest to warrant publication in a scientific/medical journal

**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