Reviewer's report

**Title:** A standardised and reproducible brain tumour model established from a consecutive material of human glioblastoma multiforme biopsies.

**Version:** 2  **Date:** 31 August 2009

**Reviewer:** Christoph Otto

**Reviewer's report:**

Wang and colleagues describe their xenograft model of glioblastoma multiforme with human biopsies grafted orthotopically from glioma patients into nude rats. They presented data from 29 glioma biopsies; their growth kinetics, neuropathological and radiological characteristics. The human glioma biopsies demonstrated high take rates in vivo with reproducible disease course. With this model the authors analysed angiogenesis and malignant progression (results published in PNAS 2006 and are not object of the current paper). The problems of inducing tumour growth in animals with established cell lines were discussed.

Minor revision:
I think it is good scientific practice to mention that some of the results in table 1 were previously published by the authors (PNAS 2006).

**Level of interest:** An article whose findings are important to those with closely related research interests

**Quality of written English:** Acceptable

**Statistical review:** No, the manuscript does not need to be seen by a statistician.