Reviewer's report

Title: Analysis of a child who developed abnormal neuropsychiatric symptoms after administration of oseltamivir: a case report

Version: 2 Date: 11 June 2015

Reviewer: Rod C Scott

Reviewer's report:

Thank you for asking me to review this interesting case report on an unusual adverse event associated with oseltamivir use. The report is clear and well written. They propose a biologically plausible mechanism for the side effect

Major Compulsory Revisions

1. My main issue relates to the alternative hypotheses. They have effectively ruled out influenza encephalitis which is appropriate. However, it is not obvious why the high CSF receptor antibodies and the mesial temporal SPECT change are not the mechanism of the neuropsychiatric effects. It is not obvious why abnormal metabolism of oseltamivir (which is effectively what is being proposed) would result in these changes. It seems possible to me that the patient had an autoimmune limbic encephalitis and that the relationship to oseltamivir was coincidental. This deserves discussion in more detail than currently in the manuscript

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