Reviewer’s report

**Title:** Encephalitis temporally associated with Japanese encephalitis vaccine: Case report

**Version:** 3  **Date:** 4 February 2011

**Reviewer:** Yasuko Mori

**Reviewer’s report:**

Jia et al. showed four laboratory-confirmed JE patients temporally associated with live attenuated JE vaccine administration. CSF samples from the patients were positive for anti-JE virus specific IgM antibody, but no positive viral RNA detection.

The finding suggested that live attenuated JE vaccine, as well as inactivated JE vaccine, might cause adverse effect. Since several adverse effects by JE vaccination have been believed to be caused by the vaccine contaminates, i.e. gelatin, mouse myelin basic proteins, this report raises a great question whether viral antigens induce adverse effects.

Although the manuscript is well written and discussed, a few questions to clarify still remain.

1. **Title:** It is better to modify the title “Encephalitis temporally associated with live attenuated Japanese encephalitis vaccine: Case report”.

2. All patients the authors picked up were 5 years old and less than 5 years old. Question is whether the adverse effects by live attenuated JE vaccine occurred in children only. It is better to discuss about the question, if the authors can investigate.

**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.