Reviewer’s report

Title: Age-related increases in parathyroid hormone may be antecedent to both osteoporosis and dementia

Version: 4 Date: 25 June 2009

Reviewer: Noboru Horiuchi

Reviewer’s report:

Minor comments:
1. Page 4, line 1; It should be "electroencephalograph (EEG)"
2. Method section; P300SP, P300V and BMD-these abbreviation should be defined.
3. Page 13, third paragraph; Reference #30 is data derived from osteoblast-like cells. The authors should state this issue, otherwise readers may consider that brain tissue has these calcium channels.

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 have no competing interests.