Reviewer's report

Title: Test-Retest Variability of High Resolution Positron Emission Tomography (PET) Imaging of Cortical Serotonin (5HT2A) Receptors in Older, Healthy Adults

Version: 2 Date: 21 October 2008

Reviewer: Rene Hurlemann

Reviewer's report:

The manuscript "Test-Retest Variability of High Resolution Positron Emission Tomography (PET) Imaging of Cortical Serotonin (5HT2A) Receptors in Older, Healthy Adults" by Chow and colleagues was a pleasure to read. The methodology is sound, and the journal appropriately chosen. There is, however, a number of typos that the authors should correct, e.g., "risperidone" (page 3) or "has been obeserved in" (page 10). When it comes to Altanserin-PET, the authors also should cite "Hurlemann et al. (2008)" who did a study in young individuals at enhanced risk for psychosis.

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.

Declaration of competing interests:

I declare that I have no competing interests