Reviewer's report

Title: Retinal nerve fiber layer thickness and cognitive ability in older people: the Lothian Birth Cohort 1936 study

Version: 5 Date: 11 February 2013

Reviewer: Jacques J Hugon

Reviewer's report:

There are two majors informations that should be added in the manuscript

- In the methods: Patients with Mild Cognitive Impairment who may have modified retinal thickness have not been excluded from this study (Paquet et al 2007)

- in the abstract: When adjusting the results to cognitive reserve assessed by the years of education, no significant associations between the RNFL thickness and cognitive scores were found

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

Quality of written English: Acceptable

Statistical review: Yes, but I do not feel adequately qualified to assess the statistics.

Declaration of competing interests:

No competing interests