

Additional file:

Open peer review report 1 on “Optical coherence tomography and T cell gene expression analysis in patients with benign multiple sclerosis”

Reviewer: Chunjian Huang, National Jewish Health, USA.

Comments to the author: In this report, the Authors investigated 3 Benign multiple sclerosis patients. They performed OCT on each patient. However, some of the criteria such as RNFL thickness are only affected mildly. So the Authors sought to determine the T cells gene profile by cDNA microarrays from PBMC of patients and healthy controls. They do find that IL-10 and LIF was up-regulated while IL-6 and NTSR1 was down-regulated in patients comparing with healthy controls. These gene profile may serve as an indication when combined with other clinical measurement. However, in this report, there are only 3 patients involved, so a larger patients recruitment and gene profile detection will be very helpful for the diagnosis of this special disease. Anyway, this report is still a good trial for the diagnosis of Benign multiple sclerosis.