Reviewer's report

Title: Is a hypothetical melanoma-like neuromelanin the underlying factor essential for the clinical manifestation of multiple sclerosis?

Version: 1  Date: 16 May 2013

Reviewer: Amanda Waddell

Reviewer's report:

Minor essential revisions
1) In the section, MLN might explain the relevant mode of action of diverse factors in the aetiology of MS, the first paragraph with questions about T cell function is not written in a way to make an obvious connection to MLN. I think this paragraph should be rewritten to make the connection more apparent within the paragraph.

Discretionary Revisions
1) How pathological neuromelanin could be generated is explained, but a figure showing how this may occur, with drawings of chemical structures, could be helpful

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.