Reviewer's report

Title: Identification of novel biomarker candidates by proteomic analysis of cerebrospinal fluid from patients with moyamoya disease using SELDI-TOF-MS

Version: 1 Date: 28 June 2010

Reviewer: Peter Berlit

Reviewer's report:

This pilot study is searching for possible biomarkers in the CSF of patients with MMD. The patient group is rather heterogeneous (age 1 to 54 years! and interestingly more men than women). Whether the biomarker candidate proteins found in this study really play a role in angiogenesis remains speculative and needs to be confirmed in a larger and better defined population.

As it is, the paper should be clearly shortened and interpretations that are pure speculation should be removed.

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

Quality of written English: Needs some language corrections before being published

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

Declaration of competing interests:

I declare that I have no competing interests