Reviewer's report

Title: Peripheral blood monocyte-to-lymphocyte ratio at study enrolment predicts efficacy of the RTS,S malaria vaccine: analysis of pooled phase 2 clinical trial data

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Reviewer: Giampietro Corradin

Reviewer's report:

The manuscript of Warimwe et al. points out to a variation in efficacy of the RTS,S vaccine depending on the monocytes/lymphocytes ratio of vaccenees determined before vaccination. The data are intriguing and, as discussed by the authors themselves, there are a number of limitations associated with the study. On the other hand, if the findings reported can be confirmed in future studies, they might open new avenues to increase RTS,S efficacy.

Quality of written English: Acceptable

Statistical review: Yes, and I have assessed the statistics in my report.

Declaration of competing interests:

I declare that I have no competing interests.