Reviewer's report

Title: Mycobacterium tuberculosis Complex Drug Resistance Pattern and Identification of Species Causing Tuberculosis in Two Regions of Cameroon

Version: 2 Date: 21 December 2010

Reviewer: Denise O’ Sullivan

Reviewer’s report:

• Minor Issues not for publication
  Capital “R” should be replaced by small “r” when spelling regions.
  When referencing numbers less than ten, do not put zero in front. For instance 03 should be 3.
  Results, 3rd paragraph: Mycobacterium tuberculosis should be abbreviated to M. tuberculosis.

• Discretionary Revisions (which are recommendations for improvement but which the author can choose to ignore)
  It would be helpful if the authors could comment on the levels of drug resistance in the other regions of Cameroon.

• Minor Essential Revisions (such as missing labels on figures, or the wrong use of a term, which the author can be trusted to correct)
  Background, 2nd paragraph: This statement is contradictory “RIF is the main drug …. in Cameroon. INH, SM and EMB are …. in the country”.
  Methods, Bacteriological procedures: Can the authors comment on why one of the LJ slopes was supplemented with sodium pyruvate?
  Discussion, 3rd paragraph: Can the authors comment on the relationship of HIV status and drug resistance in this study?

• Major Compulsory Revisions (which the author must respond to before a decision on publication can be reached)
  Conclusion, first sentence: This sentence does not make sense unless the authors are surprised by this finding and if so they need to explain why.
  The samples used in this study are all smear positive so one must bear this in mind when looking at the results for the drug resistance survey. Why did the authors not report the results from the smear negative isolates which had a positive culture? This would have given a better representation of tuberculosis in Cameroon.
**Level of interest:** An article of limited interest

**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.