Reviewer’s report

Title: Association between erythrocyte Na+K+-ATPase activity and some blood lipids in Type 1 diabetic patients from Lagos, Nigeria.

Version: 3 Date: 2 August 2007

Reviewer: Muthuswamy Balasubramanyam

Reviewer’s report:

General

Major Compulsory Revisions (that the author must respond to before a decision on publication can be reached)

Minor Essential Revisions (such as missing labels on figures, or the wrong use of a term, which the author can be trusted to correct)

The revised manuscript looks now relatively better and the authors have addressed all the comments with in their experimental limitations.

However, a number of modifications (as detailed below) need to be essentially addressed in the text.

Page 1: line 11: Replace ‘formular’ with ‘formula’

Page 1: line 24: Change ‘The diabetic NaK ATPase’ as ‘The NaK ATPase from the diabetic patients also……’

Page 3: Line 16: Numerous experimental studies conducted on streptozotocin....

Page 3: Line 19: Change ‘involve decrease nerve membrane NaK ATPase’ as ‘involve a common denominator of down-regulated NaK ATPase’

Page 4: Line 3: Change ‘several diabetic studies’ as ‘several studies’

Page 4: Line 6: Change ‘defectiveness in calcium ion translocation’ as ‘defective Ca2+ homeostasis’

Page 4: Line 15: Change ‘improve’ as ‘enhance’

Page 4: Line 20: Change ‘prevalence rates in our Type 1’ as ‘prevalence rates in Type 1’

Page 7: Line 8: Change ‘heparanized bottles’ as ‘heparanized test tubes’

Page 7: Line 10: Change ‘plain bottles’ as ‘plain test tubes’
It may be concluded like this: Based on the results of this, we conclude that the reduced erythrocyte NaK ATPase activity which occurs in type 1 diabetes mellitus is exacerbated in Nigerian patients with poor glycemic control in association with atherogenic blood lipids.

What next?: Accept after minor essential revisions

Level of interest: An article of limited interest

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

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

Declaration of competing interests:

I declare that I have no competing interests