Reviewer’s report

Title: Elevated C-peptide and insulin predict increased risk of colorectal Adenomas in normal mucosa

Version: 2 Date: 30 June 2012

Reviewer: Shajan Peter

Reviewer’s report:

The authors have presented a revised manuscript and point to point response to the reviewers comments addressing major issues that were raised. Few additional points may be considered in the manuscript:

- it may be raised that why wasn’t the IGF-1 levels measured in addition as this would be one of the main targets of activation in the insulin tumorigenesis pathways? possibly one of them leading to post-receptor activation of the phosphoinositol-3-kinase (PI3K)/AKT/mTOR pathway
- i might have excluded the diabetics from this model as to a better definition of hyperinsulinemia, though agree that this has been used in the confounding model
- Insulin resistance (IR) was estimated based on Homeostatic Model Assessment (HOMA) may also have be a useful parameter used in future evaluation

Level of interest: An article of importance in its field

Quality of written English: Acceptable

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

Declaration of competing interests: No conflicting interests