Author's response to reviews

Title: Metformin-mediated growth inhibition involves suppression of the IGF-I receptor signalling pathway in human pancreatic cancer cells

Authors:

   Emelie Karnevi (emelie.karnevi@med.lu.se)
   Katarzyna Said (katarzyna.said@med.lu.se)
   Roland Andersson (roland.andersson@med.lu.se)
   Ann H Rosendahl (ann.rosendahl@med.lu.se)

Version: 4 Date: 18 April 2013

Author's response to reviews: see over
Dear Editor,

Re manuscript: "Metformin-mediated growth inhibition involves suppression of the IGF-I receptor signalling pathway in human pancreatic cancer cells" by E. Karnevi et al.
Ref. MS: 1583659604822402

Thank you for the opportunity to submit a revised version of our manuscript and for the constructive comment of your reviewer. We now enclose a revised manuscript in which we have incorporated the amendments as requested. Changes made are underlined in the manuscript text and highlighted in red in the figures. The revised version of the manuscript has been accepted by all co-authors for resubmission to BMC Cancer.

We hope you will find the revised manuscript changed according to suggestions and hopefully now acceptable for publication. Our detailed answers and where they are to be found in the manuscript are listed below.

Sincerely yours,

Ann Rosendahl

Ann Rosendahl, PhD
Research Associate
Department of Surgery, Clinical Sciences Lund
Biomedical Center (BMC) D12
SE-221 84 Lund

April 18, 2013

The Editor
BMC Cancer
Author’s response to reviews

Reviewer 2:
(Elisabeth Barton)

Minor Essential Revisions

1. The authors have improved the presentation and message of the study by increasing the replicate number. However, the statistics used for many of these comparisons is inappropriate. With more than 2 conditions, 1- and 2-way ANOVAs followed by post hoc testing (e.g., Bonferroni) is the more appropriate test. For the most part, the results will not change where there are strong effects, but the authors should still utilize the correct test. This should be modified for all figures.

Re: The statistics have been re-calculated using one- or two-way ANOVA according to the reviewer’s suggestion. The statistical re-calculations did not alter any of the conclusions drawn in the manuscript and only minor alterations to the level of significance were noted as indicated in the revised manuscript. Changes made are underlined in the manuscript text (pages 8, 10, 11, 23-25) and highlighted in red the figures.