Author's response to reviews

Title: Extracellular vesicle-mediated phenotype switching in malignant and non-malignant colon cells

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Author's response to reviews: see over
Dear Editorial Board,

Submitted to your journal for publication is our revised manuscript entitled: **Extracellular vesicle-mediated phenotype switching in malignant and non-malignant colon cells.** It was requested that before our manuscript was submitted for review we include line numbers, author email addresses in the title page, corresponding author address and an acknowledgement section. These items have been added.

In this study we examine phenotypic shifting regulated by extracellular vesicles (EVs) in colon cancer. We use cell based as well as biopsied tissue to demonstrate a reversal and induction of malignancy mediated by EVs in colon cancer. Proteomic analysis from cell based and from biopsied colon patient tissue identified several proteins that may be responsible for the phenotypic changes we observed that were confirmed by Western blot analysis.

Therefore, this manuscript describes novel, clinically relevant results with regard to colon cancer and is relevant to the scope of articles published in BMC Cancer. Additional analysis should produce a comprehensive database of the proteins associated with EV transfer including colon-specific trafficking genes, tumor cell surface markers, and other proteins that are specifically associated with the pathogenesis of colon cancer. Furthermore, our results underscore the potential utility of EVs in a clinical setting and therefore, we feel that our manuscript is appropriate for publication in BMC Cancer.

None of the authors have any financial or ethical conflicts of interest. The study was conducted under appropriate IRB approval.

Thank you very much in advance for considering our manuscript for publication.

Sincerely,

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