Author's response to reviews

Title: EpCAM Nuclear Localization Identifies Aggressive Thyroid Cancer and is a Marker for Poor Prognosis

Authors:

- Ranju Ralhan (rralhan@mtsinai.on.ca)
- Jun Cao (jcao@lunenfeld.ca)
- Terence Lim (terence.lim@utoronto.ca)
- Christina MacMillan (CMacMillan@mtsinai.on.ca)
- Jeremy Freeman (jfreeman@mtsinai.on.ca)
- Paul G. Walfish (walfish@mshri.on.ca)

Version: 4 Date: 9 June 2010

Author's response to reviews: see over
June 9, 2010

Re: Submission of revised manuscript to BMC Cancer
Title: EpCAM Nuclear Localization Identifies Aggressive Thyroid Cancer and is a Marker for Poor Prognosis

Authors: Ranju Ralhan1,2*, Jun Cao3*, Terence Lim3, Christina MacMillan3, Jeremy Freeman3, and Paul G. Walfish1,2,3

Dear Sir,

We are grateful and thank the Editorial Board and Reviewers for supporting our work and a favourable review of our abovementioned manuscript, giving us the opportunity to revise the paper. The manuscript has been revised taking into consideration all the comments of both the Reviewers. The pointwise response to Reviewers comments is also submitted.

We are submitting the revised manuscript for re-consideration for publication in BMC Cancer.
We look forward to a favorable response.

Thanking you.

Yours sincerely,

Paul G. Walfish

Paul G. Walfish,
Professor Emeritus of Medicine, Pediatrics and Otolaryngology, Pathology and Laboratory Medicine, University of Toronto
Senior Consultant, Department of Medicine, Endocrine Division and Jospeh & Mildred Sonshine Family Centre for Head & Neck Diseases, Mount Sinai Hospital

Manuscript Corresponding Author
C/o 600 University Avenue, Rooms 413-7, Toronto, Ontario, Canada M5G 1X5.
Tel: 1-416-586-4437; Fax: 1-416-586-8861.
E-mail: walfish@mshri.on.ca
Author’s response to reviews

Title: EpCAM Nuclear Localization Identifies Aggressive Thyroid Cancer and is a Marker for Poor Prognosis

Authors:
Ranju Ralhan: rralhan@mtsinaion.ca
Paul Walfish: walfish@mshri.on.ca

Version 4: June 8, 2010

Author’s response to reviews: see over
Reviewer's report
Title: EpCAM Nuclear Localization Identifies Aggressive Thyroid Cancer and is a Marker for Poor Prognosis
Version: 3 Date: 27 April 2010
Reviewer: Wendy Van Veelen

Minor revisions:
1. beta should be changed into the symbol for beta

\textit{beta has been changed into the symbol for beta - }\beta

2. Last sentence of the Introduction section should be removed: "Further ... thyroid cancer."

\textit{Last sentence of the Introduction section has been removed: "Further ... thyroid cancer."}

The authors should mention the correlation between b-catenin and thyroid cancer prognosis as stated in literature in the Introduction section.

\textit{β-Catenin plays important roles in cell adhesion and signal transduction [23]. β-Catenin associates with E-cadherin and α-catenin linking the adherens junctions and cytoskeleton, besides acting as a mediator of transcription through DNA-binding proteins, such as TCF/LEF family members in the nucleus [24]. Loss of membrane-associated β-catenin and a relative increase in cytosolic or nuclear expression, has been reported in anaplastic and poorly differentiated TCs and in thyroid papillary microcarcinoma [25-27]. β-catenin -RET kinase pathway has been shown to be a critical contributor to the development and metastasis of human thyroid carcinoma [28].}
Reviewer's report
Title: EpCAM Nuclear Localization Identifies Aggressive Thyroid Cancer and is a Marker for Poor Prognosis
Version: 3 Date: 13 May 2010
Reviewer: François Le Naour
Reviewer's report:
The authors have addressed the major issues and provided complementary information. The manuscript is now suitable for publication.

*We thank the reviewer for supporting our work.*