Author's response to reviews

Title: Interstitial Cystitis Anti-Proliferative Factor (APF) as a Cell-Cycle Modulator

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The manuscript has been revised to respond to the Reviewers' reports. We believe these changes have strengthened the presentation of our data and appreciate the reviewers’ efforts.

Specific changes

Reviewer Wojcik

Discretionary and Minor Essential Revision were made as detailed.

The Major compulsory Revision requested a clarification regarding the measurement of nuclei no cells. The terms nucleus or nuclei have replaced references to cells.

Reviewer Nordling

Major Compulsory Revisions

Additional details of the patients from whom the primary bladder epithelial cell cultures were obtained have been provided. While only one IC patient and one non-IC subject were sampled in this study, there is a substantial literature detailing APF characterization and isolation from numerous IC patients and a lack of this peptide in preparations from non-IC patients.

The Figure legends have been corrected.

A final paragraph has been added to the discussion to address the impact of the mock preparation on the cell cycle distribution at the highest dose. This discussion considers the explanations for these data as posited by the reviewer.