Tuesday, 3 July 2018

Journal of Visualized Experiments

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Dear JoVE editors,

I am pleased to submit our manuscript, titled “Immunofluorescence Microscopy for Objective Quantification of Biomarker Proteins in Formalin-Fixed, Paraffin-Embedded Tissue”, for consideration for publication in JoVE. The methods outlined in the manuscript will provide a protocol for the objective quantification of biomarker proteins from formalin-fixed, paraffin-embedded tissue specimens suitable to a wide range of clinical and research applications. We believe the multi-component procedure described in this manuscript would lend itself well to representation in both written as well as video formats. For example, the explanation for the procedure for fixing and embedding cultivated cells in paraffin wax and for data normalization and comparison will be enhanced by the use of visual cues that can be incorporated into a video protocol.

The authors’ contributions to the manuscript are as follows: Alison Moore wrote the manuscript, generated the figures, performed the immunoblotting experiments, and performed the data analysis. Lee Boudreau performed the immunofluorescence (IF) staining and consulted on IF findings. Shakeel Virk performed the image analysis to quantify the IF signals and consulted on IF findings. David LeBrun consulted on the IF findings and immunoblotting procedure and edited the manuscript. Throughout this process we have been in contact with three JoVE editors. Rachel Service reached out initially about writing the manuscript and sent the invitation to submit. Indrani Mukherjee was the second editor we were in contact with and helped to answer questions regarding timeline. Lyndsay Troyer is the current editor we are in contact with at the time of submission.

On behalf of my co-authors and myself, thank you for considering our work. We look forward to hearing back from you.

Sincerely,



David P. LeBrun, MD, FRCP(C)

Professor