September 9th, 2013

To the editors of JoVE

Dear Avital Braiman,

Thank you again for inviting us to write a manuscript on the utilization of tunable resistive pulse sensing (qNano) for the quantification and size profiling of extracellular vesicles (EVs). Please find attached our proposed manuscript for your journal.

During the past decade the field of EVs research has increased tremendously. In virtually all fields of biology EVs are now believed to play a role in either physiological or pathophysiological processes. One of the major challenges however, remains adequate and reliable quantification of EVs.

In the manuscript we describe two protocols for the quantification of EVs. First, we describe the standard operating protocol feasible for isolated EVs diluted in a clean electrolyte. Secondly we describe the alternative protocol developed in our lab. This protocol introduces ‘real-time’ calibration making it possible to quantify EVs in biological fluids directly.

All of the authors listed have been involved in the development of the alternative protocol, and the writing of this manuscript. The authors listed have approved the manuscript that is enclosed.

Thank you very much in advance for your kind interest in our work,

Sincerely Yours,

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