

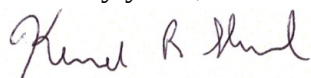
July 19, 2019

Dr. Benjamin Werth
Senior Science Editor
JoVE

Dear Dr. Werth:

This letter accompanies our manuscript entitled “The importance of sample preparation in quartz crystal microbalance measurements of protein adsorption and polymer mechanics”, which we are submitting for publication in JoVE. Versions of the quartz crystal microbalance are widely used in the biomedical and materials science fields, although there is widespread concern about the reliability of the mechanical data that can be obtained from these methods. Much of this concern originates from a lack of understanding of the importance of sample geometry (specifically, the thickness of the thin film that is being probed), and this issue is addressed in the present paper. We feel that will be an important practical addition to the literature, consistent with the mission of JoVE.

Sincerely yours,



Kenneth R. Shull, Professor