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July 20, 2020

Vineeta Bajaj, Ph.D. Review Editor JOVE 1 Alewife Center Suite 200 Cambridge MA 02140 benjamin.werth@jove.com

Re: Manuscript Revisions to "Evaluating Regional Pulmonary Deposition Using Patient-Specific 3D Printed Lung Models"

Dear Dr. Bajaj,

Please find the revised manuscript entitled "Evaluating Regional Pulmonary Deposition Using Patient-Specific 3D Printed Lung Models" by E. Peterman, E. Kolewe, and C. Fromen for your consideration in *JOVE*. This manuscript builds on ongoing work in our laboratory to develop upper airway models to study aerosol deposition in the lung. This protocol represents original research which has not been submitted elsewhere for publication. A complementary publication leveraging this experimental protocol has recently been accepted at the *Journal of Aerosol Medicine and Pulmonary Drug Delivery*.

We have responded to the reviewer comments in the attached response document and are submitting our revised manuscript. Both a tracked changes version and final clean copy have been uploaded.

We thank you for your time and consideration of this manuscript and look forward to your response.

Sincerely,

Catherine Fromen, PhD

Assistant Professor, University of Delaware