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Science Editor

Immunology and Infection

JoVE

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Your Ref.	Our Ref.	Date
		16 March 2020

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Dear Dr. Upponi,

Please find enclosed the reviewed version of our manuscript for submission to **JoVE** with the title “Establishment of a *Pseudomonas aeruginosa* infected-3D co-culture of bronchial cells and macrophages for preclinical evaluation of anti-infectives”, by Carlos rictor Montefusco-Pereira, Justus C. Horstmann, Thomas Ebensen, Christoph Beisswenger, Robert Bals, Carlos A. Guzmán, Nicole Schneider-Daum, Cristiane de Souza Carvalho-Wodarz, Claus-Michael Lehr.

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We are grateful for all suggestion from the reviewers and editors, which definitively contributed to improving the quality of our paper. We addressed each reviewer's comments carefully in the rebuttal letter. Extra experiments were performed according to the reviewer's feedback, for instance, immunostaining for tight junctions proteins, with ZO-1. Moreover, helpful controls that were missing before are now included in this reviewed version; that consists of the survival of bacteria and mammalian cells after high-speed centrifugation, bacteria survival after freezing at -20 °C and LDH quantification upon infection for 20h. Moreover, the quality of the figures was improved; for instance, confocal microscope pictures as well as all the graphics, in which data were thoroughly checked for consistency and accuracy.

The manuscript has been thoroughly checked and modified for better clarity and proofed-read by an English native speaker. All the reviewer's comments and suggestions were crucial for the

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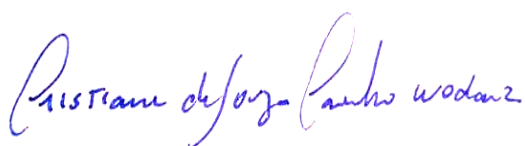
improvement of our manuscript, which we believe has reached the standard level for publication at JoVE.

Given that the second author, Justus Hostmann, performed new experiments and contributed significantly to this reviewed version, we agreed that he should share the first co-authorship with Carlos Montefusco, as indicated in the paper.


We certify that this reviewed manuscript, or any part of it, has not been published and will not be submitted elsewhere for publication while being considered by the JoVE. All authors have read and approved the manuscript for submission.

Thank you in advance for your consideration of this manuscript.

Yours sincerely,



Dr. Cristiane de Souza Carvalho Wodarz



Prof. Claus Michael Lehr