

Dear Editors,

We resubmit this manuscript entitled "Spatially explicit model of the lymphocyte diaspora in influenza-infected lung reveals thresholds on chemokine directed migration" for consideration of publication in PLoS Computational Biology. We would like to thank each of you for giving us the opportunity to improve our paper and resubmit it. We would like to reiterate our thanks to our reviewers for giving us very constructive criticism that we believe has greatly improved the paper. We still feel this work will be of interest to investigators modeling the immune response for the ultimate purpose of improving vaccine design.

This work has not been published elsewhere, and is complementary to a recent publication from our group (H Mitchell, D Levin, et al. J Virol 2011;85(2):1125-1135).

In review we have noticed that our bibliography does not use annotated journal names, which seem to be the standard for PLoS CB. We have *not* changed our bibliography as of yet as it was generated automatically using the Mendeley Desktop suite. If this is an issue, we would be happy to return and reconstruct the references manually.

All authors have read and approved the revised manuscript.

Respectfully yours,

Drew Levin

Stephanie Forrest

Soumya Banerjee

Candice Clay

Melanie Moses

Frederick Koster