

Accepted Manuscript

The evolution of pathogen virulence: effects of transitions between host types

Paul David Williams , Stephanie Jill Kamel

PII: S0022-5193(17)30515-5
DOI: [10.1016/j.jtbi.2017.11.008](https://doi.org/10.1016/j.jtbi.2017.11.008)
Reference: YJTBI 9264



To appear in: *Journal of Theoretical Biology*

Received date: 7 February 2017
Revised date: 29 September 2017
Accepted date: 9 November 2017

Please cite this article as: Paul David Williams , Stephanie Jill Kamel , The evolution of pathogen virulence: effects of transitions between host types, *Journal of Theoretical Biology* (2017), doi: [10.1016/j.jtbi.2017.11.008](https://doi.org/10.1016/j.jtbi.2017.11.008)

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

Highlights

- Standard evolutionary epidemiology theory is reworked in the context of realistic disease heterogeneities of hosts
- Transfers between host types is explicitly included to account for potential host changes of state
- This analytical framework allows for several different and novel predictions

ACCEPTED MANUSCRIPT

Download English Version:

<https://daneshyari.com/en/article/8876877>

Download Persian Version:

<https://daneshyari.com/article/8876877>

[Daneshyari.com](https://daneshyari.com)