

Publication List

Ryan Nikin-Beers

A. PEER-REVIEWED

1. R Nikin-Beers and SM Ciupe. The role of antibody in enhancing dengue virus infection. *Math Biosci*, 263:83-92, May 2015.
2. R Nikin-Beers and SM Ciupe. Modeling original antigenic sin in dengue viral infection. *Math Med Biol*, 34:dqx002, 2017.
3. N Dorratoltaj*, R Nikin-Beers*, SM Ciupe, S Eubank, and K Abbas. Multi-scale immunoepidemiological modeling of within-host and between-host HIV dynamics: systematic review of mathematical models. *PeerJ*, 5:e3877, 2017.
4. R Nikin-Beers, J Blackwood, L Childs, and SM Ciupe. Unraveling within-host signatures of dengue infection at the population level. *J Theor Biol*, 446: 79-86, 2018.
5. L Childs, F El Moustaid, Z Gajewski, S Kadelka, R Nikin-Beers, J Smith Jr, M Walker, L Johnson. Linked within-host and between-host models and data for infectious diseases: A systematic review. *PeerJ*, In press, 2019.

*Denotes equal contribution

B. THESES

1. R Nikin-Beers. Mathematical modeling of dengue viral infection. *M.S. Thesis*, Virginia Polytechnic Institute and State University, May 2014.
2. R Nikin-Beers. Immunoepidemiological modeling of dengue viral infection. *Ph.D. Thesis*, Virginia Polytechnic Institute and State University, May 2018.