

## Isabel Delwel

Ph.D. Student in Microbiology and Immunology, admitted Summer 2019

### Publications

---

#### PUBLICATIONS

- **Molecules to spillover: how climate warming impacts mosquito-borne viruses.** *Current opinion in virology*  
Delwel, I. O., Mordecai, E. A.  
2025; 72: 101473
- **Intraspecific diversity poorly predicts invasibility and invasiveness in communities: a meta-analysis of experimental invasions** *OIKOS*  
Lyberger, K., Loth, D., Delwel, I., Zallek, T.  
2025
- **A systematic review of climate-change driven range shifts in mosquito vectors.** *bioRxiv : the preprint server for biology*  
Lyberger, K., Robinson, A. R., Couper, L., Delwel, I., Glidden, C., Qian, C., Burslem, A., Fernandez, F., Gao, B., Garcia, G., Gomez, J., Griffin, C., Jackson, et al  
2025
- **Decoding the blueprint of receptor binding by filoviruses through large-scale binding assays and machine learning** *CELL HOST & MICROBE*  
Lasso, G., Grodus, M., Valencia, E., Dejesus, V., Liang, E., Delwel, I., Bortz Iii, R. H., Lupyan, D., Ehrlich, H. Y., Castellanos, A. A., Gazzo, A., Wells, H. L., Wacharapluesadee, et al  
2025; 33 (2): 294-313.e11
- **The impact of long-term non-pharmaceutical interventions on COVID-19 epidemic dynamics and control: the value and limitations of early models.** *Proceedings. Biological sciences*  
Childs, M. L., Kain, M. P., Harris, M. J., Kirk, D., Couper, L., Nova, N., Delwel, I., Ritchie, J., Becker, A. D., Mordecai, E. A.  
2021; 288 (1957): 20210811
- **HVEM signaling promotes protective antibody-dependent cellular cytotoxicity (ADCC) vaccine responses to herpes simplex viruses** *SCIENCE IMMUNOLOGY*  
Aschner, C., Loh, L., Galen, B., Delwel, I., Jangra, R. K., Garforth, S. J., Chandran, K., Almo, S., Jacobs, W. R., Ware, C. F., Herold, B. C.  
2020; 5 (50)
- **The impact of long-term non-pharmaceutical interventions on COVID-19 epidemic dynamics and control.** *medRxiv : the preprint server for health sciences*  
Childs, M. L., Kain, M. P., Kirk, D., Harris, M., Couper, L., Nova, N., Delwel, I., Ritchie, J., Mordecai, E. A.  
2020