

# Stanford

---



## Philip Bulterys

- Affiliate, Dean's Office Operations - Dean Other
- Resident in Pathology

### Bio

---

#### BIO

I am a fourth year resident in Anatomic and Clinical Pathology and the 2022-23 chief resident (Clinical Pathology) at Stanford Health Care. I will be a clinical fellow in Hematopathology (2023-24) and Dermatopathology (2024-25) at Stanford Health Care. I have a background in bacterial pathogenesis and drug discovery, and am interested in emerging and neglected infections, hematologic disease, and therapeutics and diagnostics development.

#### PROFESSIONAL EDUCATION

- BS, Stanford University , Biology (Microbes and Immunity) (2010)
- PhD, University of California Los Angeles , Molecular Biology (Immunity, Microbes, and Molecular Pathogenesis) (2017)
- MD, University of California Los Angeles , Medicine (2019)

### Publications

---

#### PUBLICATIONS

- **Trimmed central venous catheters do not increase endothelial injury in an ovine model.** *The journal of vascular access*  
Wang, H., Williams, K. M., Elde, S., Bulterys, P. L., Thakore, A. D., Lucian, H. J., Farry, J. M., Mullis, D. M., Zhu, Y., Paulsen, M. J., Woo, Y. J.  
2023; 11297298231153716
- **Validated transport conditions maintain the quality of washed red blood cells.** *Transfusion*  
Baker, S. A., Wong, L. K., Wieland, R., Bulterys, P., Allard, L., Nguyen, L., Quach, T., Nguyen, A., Chausuh, E., Cheng, P., Bowen, R., Virk, M.  
2022; 62 (9): 1860-1870
- **Cellular and humoral immune response to SARS-CoV-2 vaccination and booster dose in immunosuppressed patients: An observational cohort study.** *Journal of clinical virology : the official publication of the Pan American Society for Clinical Virology*  
Yang, L. M., Costales, C., Ramanathan, M., Bulterys, P. L., Murugesan, K., Schroers-Martin, J., Alizadeh, A. A., Boyd, S. D., Brown, J. M., Nadeau, K. C., Nadimpalli, S. S., Wang, A. X., Busque, et al  
2022; 153: 105217
- **Expression of CD47 Protein in Hematolymphoid Neoplasms: Implications for CD47-Mediated Cancer Immunotherapy**  
Zhang, J., Bulterys, P., Fernandez-Pol, S., Younes, S., Zhao, S., Mansoor, A., Natkunam, Y.  
SPRINGERNATURE.2022: 1052-1053
- **Expression of CD47 Protein in Hematolymphoid Neoplasms: Implications for CD47-Mediated Cancer Immunotherapy**  
Zhang, J., Bulterys, P., Fernandez-Pol, S., Younes, S., Zhao, S., Mansoor, A., Natkunam, Y.  
SPRINGERNATURE.2022: 1052-1053
- **Inflammatory pseudotumor-like follicular dendritic cell tumor of the spleen: a case report and approach to differential diagnosis.** *Radiology case reports*  
Nguyen, A., Negrete, L. M., Bulterys, P. L., Shen, L.  
2021; 16 (11): 3213-3216

- **Diagnosis of Dengue in a returning traveler from Pakistan suspected of COVID-19, California, USA.** *Diagnostic microbiology and infectious disease*  
Bulterys, P. L., Solis, D., Verghese, M., Huang, C., Sibai, M., Costales, C., Sahoo, M. K., Pinsky, B. A.  
2021; 101 (4): 115517
- **A spatio-temporal analysis of scrub typhus and murine typhus in Laos; implications from changing landscapes and climate.** *PLoS neglected tropical diseases*  
Roberts, T., Parker, D. M., Bulterys, P. L., Rattanavong, S., Elliott, I., Phommasone, K., Mayxay, M., Chansamouth, V., Robinson, M. T., Blacksell, S. D., Newton, P. N.  
2021; 15 (8): e0009685
- **Impact of COVID-19 shelter-in-place order on transmission of gastrointestinal pathogens in Northern California.** *Journal of clinical microbiology*  
Bulterys, P. L., Leung, N. Y., Saleem, A., Budvytiene, I., Banaei, N.  
2021
- **Case-Control Study of Individuals with Discrepant Nucleocapsid and Spike Protein SARS-CoV-2 IgG Results.** *Clinical chemistry*  
Wang, H. n., Wiredja, D. n., Yang, L. n., Bulterys, P. L., Costales, C. n., Röltgen, K. n., Manalac, J. n., Yee, J. n., Zehnder, J. n., Shi, R. Z., Boyd, S. D., Pinsky, B. A.  
2021
- **GloFlow: Whole Slide Image Stitching from Video Using Optical Flow and Global Image Alignment**  
Krishna, V., Joshi, A., Vrabac, D., Bulterys, P., Yang, E., Fernandez-Pol, S., Ng, A. Y., Rajpurkar, P., DeBruijne, M., Cattin, P. C., Cotin, S., Padoy, N., Speidel, et al  
SPRINGER INTERNATIONAL PUBLISHING AG.2021: 519-528
- **Chronic lymphoproliferative disorder of NK cells with TNFAIP3 and DNMT3A mutations.** *Blood*  
Bulterys, P. L., Silva, O.  
2021; 137 (24): 3460
- **Virulence from the rhizosphere: ecology and evolution of Burkholderia pseudomallei-complex species.** *Current opinion in microbiology*  
French, C. T., Bulterys, P. L., Woodward, C. L., Tatters, A. O., Ng, K. R., Miller, J. F.  
2020; 54: 18–32
- **Comparison of a laboratory-developed test targeting the envelope gene with three nucleic acid amplification tests for detection of SARS-CoV-2.** *Journal of clinical virology : the official publication of the Pan American Society for Clinical Virology*  
Bulterys, P. L., Garamani, N. n., Stevens, B. n., Sahoo, M. K., Huang, C. n., Hogan, C. A., Zehnder, J. n., Pinsky, B. A.  
2020; 129: 104427
- **An in situ high-throughput screen identifies inhibitors of intracellular Burkholderia pseudomallei with therapeutic efficacy** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*  
Bulterys, P. L., Toesca, I. J., Norris, M. H., Maloy, J. P., Fitz-Gibbon, S. T., France, B., Toffig, B., Morselli, M., Somprasong, N., Pellegrini, M., Schweizer, H. P., Tuanyok, A., Damoiseaux, et al  
2019; 116 (37): 18597–606
- **Climatic drivers of melioidosis in Laos and Cambodia: a 16-year case series analysis.** *The Lancet. Planetary health*  
Bulterys, P. L., Bulterys, M. A., Phommasone, K., Luangraj, M., Mayxay, M., Klopogge, S., Miliya, T., Vongsouvath, M., Newton, P. N., Phetsouvanh, R., French, C. T., Miller, J. F., Turner, et al  
2018; 2 (8): e334-e343
- **Preventing malaria in HIV-infected pregnant women.** *Clinical infectious diseases : an official publication of the Infectious Diseases Society of America*  
Bulterys, P. L., Kaplan, J. E., Gutman, J.  
2014; 58 (5): 660-2
- **Environmental predictors and incubation period of AIDS-associated penicillium marneffeii infection in Ho Chi Minh City, Vietnam.** *Clinical infectious diseases : an official publication of the Infectious Diseases Society of America*  
Bulterys, P. L., Le, T., Quang, V. M., Nelson, K. E., Lloyd-Smith, J. O.  
2013; 56 (9): 1273-9
- **Placental Malaria and Mother-to-Child Transmission of Human Immunodeficiency Virus-1 in Rural Rwanda** *AMERICAN JOURNAL OF TROPICAL MEDICINE AND HYGIENE*  
Bulterys, P. L., Chao, A., Dalai, S. C., Zink, M. C., Dushimimana, A., Katzenstein, D., Saah, A. J., Bulterys, M.  
2011; 85 (2): 202-206

- **Viral Sequence Analysis from HIV-Infected Mothers and Infants: Molecular Evolution, Diversity, and Risk Factors for Mother-To-Child Transmission** *CLINICS IN PERINATOLOGY*  
Bulterys, P. L., Dalai, S. C., Katzenstein, D. A.  
2010; 37 (4): 739-?
- **Cattle, other domestic animal ownership, and distance between dwelling structures are associated with reduced risk of recurrent Plasmodium falciparum infection in southern Zambia** *TROPICAL MEDICINE & INTERNATIONAL HEALTH*  
Bulterys, P. L., Mharakurwa, S., Thuma, P. E.  
2009; 14 (5): 522–28