

Stanford

Trung Hoang Minh Pham

Instructor, Pediatrics - Infectious Diseases

CLINICAL OFFICES

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Bio

CLINICAL FOCUS

- Pediatric Infectious Diseases

ACADEMIC APPOINTMENTS

- Instructor, Pediatrics - Infectious Diseases
- Member, Maternal & Child Health Research Institute (MCHRI)

HONORS AND AWARDS

- Basic Science Research Faculty Award - Early Career, Stanford Department of Pediatrics (2022)
- K08 Mentored Clinical Scientist Career Development Award, NIAID (2019)
- Alpha-Omega-Alpha Postgraduate Fellowship, AOA Honor Medical Society (2017)
- PIDS Stanley A. Plotkin Sanofi Pasteur Fellowship, Pediatric Infectious Diseases Society (2016)
- Ernest and Amelia Gallo Endowed Postdoctoral Fellowship, Maternal and Child Health Research Institute (2015)
- Consulting Fellow Teaching Award, Stanford University Pediatrics Residency Program (2015)
- Letter of Teaching Distinction in Pediatrics Clerkship, Stanford University School of Medicine (2012)

PROFESSIONAL EDUCATION

- Board Certification: Pediatric Infectious Diseases, American Board of Pediatrics (2017)
- Board Certification, American Board of Pediatrics , Pediatric Infectious Diseases (2017)
- Board Certification, American Board of Pediatrics , General Pediatrics (2014)
- Fellowship: Lucile Packard Children's Hospital at Stanford University Medical Center (2017) CA

- Residency, Stanford University School of Medicine , Pediatrics (2014)
- M.D., University of California, San Francisco , Medicine
- Ph.D., University of California, San Francisco , Cell Biology/Immunology
- B.S., University of California, San Diego , Biochemistry and Cell Biology

Publications

PUBLICATIONS

- **Single-cell profiling identifies ACE+ granuloma macrophages as a nonpermissive niche for intracellular bacteria during persistent Salmonella infection.** *Science advances*
Pham, T. H., Xue, Y., Brewer, S. M., Bernstein, K. E., Quake, S. R., Monack, D. M.
2023; 9 (1): eadd4333
- **Near-fatal Legionella pneumonia in a neonate linked to home humidifier by metagenomic next generation sequencing.** *Med (New York, N.Y.)*
West, P. T., Brooks, E. F., Costales, C., Moreno, A., Jensen, T. D., Budvytiene, I., Khan, A., Pham, T. H., Schwenk, H. T., Bhatt, A. S., Banaei, N.
2022
- **A Salmonella Typhi RNA thermosensor regulates virulence factors and innate immune evasion in response to host temperature.** *PLoS pathogens*
Brewer, S. M., Twittenhoff, C., Kortmann, J., Brubaker, S. W., Honeycutt, J., Massis, L. M., Pham, T. H., Narberhaus, F., Monack, D. M.
2021; 17 (3): e1009345
- **Salmonella-Driven Polarization of Granuloma Macrophages Antagonizes TNF-Mediated Pathogen Restriction during Persistent Infection.** *Cell host & microbe*
Pham, T. H., Brewer, S. M., Thurston, T., Massis, L. M., Honeycutt, J., Lugo, K., Jacobson, A. R., Vilches-Moure, J. G., Hamblin, M., Helaine, S., Monack, D. M.
2019
- **Salmonella Effector SteE Converts the Mammalian Serine/Threonine Kinase GSK3 into a Tyrosine Kinase to Direct Macrophage Polarization.** *Cell host & microbe*
Panagi, I., Jennings, E., Zeng, J., Gunster, R. A., Stones, C. D., Mak, H., Jin, E., Stapels, D. A., Subari, N. Z., Pham, T. H., Brewer, S. M., Ong, S. Y., Monack, et al
2019
- **A Gut Commensal-Produced Metabolite Mediates Colonization Resistance to Salmonella Infection.** *Cell host & microbe*
Jacobson, A., Lam, L., Rajendram, M., Tamburini, F., Honeycutt, J., Pham, T., Van Treuren, W., Pruss, K., Stabler, S. R., Lugo, K., Bouley, D. M., Vilches-Moure, J. G., Smith, et al
2018
- **Well-Appearing Newborn With a Vesiculobullous Rash at Birth.** *Pediatrics*
Stewart, S. E., Lin, J. L., Everhart, J. L., Pham, T. H., Marqueling, A. L., Rieger, K. E., Hilgenberg, S. L.
2018
- **Pseudogenization of the Secreted Effector Gene sseI Confers Rapid Systemic Dissemination of S. Typhimurium ST313 within Migratory Dendritic Cells.** *Cell host & microbe*
Carden, S. E., Walker, G. T., Honeycutt, J., Lugo, K., Pham, T., Jacobson, A., Bouley, D., Idoyaga, J., Tsois, R. M., Monack, D.
2017; 21 (2): 182-194
- **DOCK8 is essential for T-cell survival and the maintenance of CD8(+) T-cell memory** *EUROPEAN JOURNAL OF IMMUNOLOGY*
Lambe, T., Crawford, G., Johnson, A. L., Crockford, T. L., Bouriez-Jones, T., Smyth, A. M., Pham, T. H., Zhang, Q., Freeman, A. F., Cyster, J. G., Su, H. C., Cornall, R. J.
2011; 41 (12): 3423-3435
- **GRK2-Dependent S1PR1 Desensitization Is Required for Lymphocytes to Overcome Their Attraction to Blood** *SCIENCE*
Arnon, T. I., Xu, Y., Lo, C., Trung Pham, T., An, J., Coughlin, S., Dorn, G. W., Cyster, J. G.
2011; 333 (6051): 1898-1903
- **Lymphatic endothelial cell sphingosine kinase activity is required for lymphocyte egress and lymphatic patterning** *JOURNAL OF EXPERIMENTAL MEDICINE*
Pham, T. H., Baluk, P., Xu, Y., Grigorova, I., Bankovich, A. J., Pappu, R., Coughlin, S. R., McDonald, D. M., Schwab, S. R., Cyster, J. G.
2010; 207 (1): 17-27

- **Sphingosine-1-phosphate in the plasma compartment regulates basal and inflammation-induced vascular leak in mice** *JOURNAL OF CLINICAL INVESTIGATION*
Camerer, E., Regard, J. B., Cornelissen, I., Srinivasan, Y., Duong, D. N., Palmer, D., Pham, T. H., Wong, J. S., Pappu, R., Coughlin, S. R.
2009; 119 (7): 1871-1879
- **Cortical sinus probing, S1P(1)-dependent entry and flow-based capture of egressing T cells** *NATURE IMMUNOLOGY*
Grigorova, I. L., Schwab, S. R., Phan, T. G., Pham, T. H., Okada, T., Cyster, J. G.
2009; 10 (1): 58-65
- **S1P(1) receptor signaling overrides retention mediated by G alpha(i)-coupled receptors to promote T cell egress** *IMMUNITY*
Pham, T. H., Okada, T., Matioubian, M., Lo, C. G., Cyster, J. G.
2008; 28 (1): 122-133
- **Epistasis between mouse Klra and major histocompatibility complex class I loci is associated with a new mechanism of natural killer cell-mediated innate resistance to cytomegalovirus infection** *NATURE GENETICS*
Desrosiers, M. P., Kielczewska, A., Loredó-Osti, J. C., Adam, S. G., Makrigiannis, A. P., Lemieux, S., Pham, T., Lodoen, M. B., Morgan, K., Lanier, L. L., Vidal, S. M.
2005; 37 (6): 593-599