



## Edward Anhoa Pham

- Postdoctoral Medical Fellow, Gastroenterology
- Fellow in Medicine

### Bio

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#### BIO

My interest in medicine and research was triggered by my mother's battle with chronic hepatitis C, which made me realize the transformational power of biomedical research in treating patients. Therefore, my career goal is to become a physician scientist in the field of gastroenterology and hepatology dedicated to translating discoveries in the laboratory into novel medical treatment modalities. My research focus is alterations in phosphoinositides signaling and its pathogenesis in cancers of the hepatobiliary and luminal GI tract with the goal to identify novel targets for therapeutic intervention. I also have a particular interest in understanding the interface between chronic viral infection and cancer through studying how the innate and adaptive immune system are perturbed in chronic viral infections

#### CLINICAL FOCUS

- Fellow
- Gastroenterology

#### HONORS AND AWARDS

- Chem-H Physician Scientist Postdoctoral Fellowship, Stanford Chem-H (2018)
- Nation Research Service Fellowship for MD/PhD (F30), NIH (2013)
- International Achievement Summit Delegate, Academy of Achievement (2011)
- HHMI Medical Student Research Fellowship, Howard Hughes Medical Institute (2010)
- Paul and Daisy Soros Fellowships for New Americans, The Soros Foundation (2009)
- Phi Beta Kappa, UCLA (2008)
- Summa Cum Laude, UCLA (2008)
- Departmental Citation for top graduate, Outstanding Bachelor of Science, UCLA Bioengineering (2008)
- Bioengineering Capstone Design Winner, UCLA Bioengineering (2008)
- Dean's Prize for Outstanding Undergraduate Researcher, UCLA Dean's office (2007)
- Tau Beta Pi, UCLA School of Engineering (2007)
- Gates Millennium Scholar, Bill and Melinda Gates Foundation (2004)

### Publications

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#### PUBLICATIONS

- **A functional subset of CD8+ T cells during chronic exhaustion is defined by SIRPalpha expression.** *Nature communications*  
Myers, L. M., Tal, M. C., Torrez Dulgeroff, L. B., Carmody, A. B., Messer, R. J., Gulati, G., Yiu, Y. Y., Staron, M. M., Angel, C. L., Sinha, R., Markovic, M., Pham, E. A., Fram, et al

2019; 10 (1): 794

- **Trends in Mortality From Extrahepatic Complications in Patients With Chronic Liver Disease, From 2007 Through 2017.** *Gastroenterology*  
Kim, D., Adejumo, A. C., Yoo, E. R., Iqbal, U., Li, A. A., Pham, E. A., Cholankeril, G., Glenn, J. S., Ahmed, A.  
2019
- **Nonalcoholic Fatty Liver Disease: Epidemiology, Natural History, and Diagnostic Challenges.** *Hepatology*  
Cholankeril, G., Perumpail, R. B., Pham, E. A., Ahmed, A., Harrison, S. A.  
2016; 64 (3): 954-?
- **Reconstitution and Functional Analysis of a Full-Length Hepatitis C Virus NS5B Polymerase on a Supported Lipid Bilayer.** *ACS central science*  
Cho, N., Pham, E. A., Hagey, R. J., L  v  que, V. J., Ma, H., Klumpp, K., Glenn, J. S.  
2016; 2 (7): 456-466
- **A New Standard of Care? Standard Dose Sofosbuvir in an HCV-Infected Liver Transplant Recipient Undergoing Hemodialysis** *DIGESTIVE DISEASES AND SCIENCES*  
Perumpail, R. B., Wong, R. J., Pham, E. A., Higgins, J. P., Daugherty, T. J., Ahmed, A.  
2016; 61 (1): 39-41
- **A New Standard of Care? Standard Dose Sofosbuvir in an HCV-Infected Liver Transplant Recipient Undergoing Hemodialysis.** *Digestive diseases and sciences*  
Perumpail, R. B., Wong, R. J., Pham, E. A., Higgins, J. P., Daugherty, T. J., Ahmed, A.  
2016; 61 (1): 39-41
- **Future Therapy for Hepatitis B Virus: Role of Immunomodulators.** *Current hepatology reports*  
Pham, E. A., Perumpail, R. B., Fram, B. J., Glenn, J. S., Ahmed, A., Gish, R. G.  
2016; 15 (4): 237-244
- **Task-Shifting: An Approach to Decentralized Hepatitis C Treatment in Medically Underserved Areas** *DIGESTIVE DISEASES AND SCIENCES*  
Jayasekera, C. R., Perumpail, R. B., Chao, D. T., Pham, E. A., Aggarwal, A., Wong, R. J., Ahmed, A.  
2015; 60 (12): 3552-3557
- **Phosphatidylinositol 4,5-Bisphosphate Is an HCV NS5A Ligand and Mediates Replication of the Viral Genome.** *Gastroenterology*  
Cho, N., Lee, C., Pang, P. S., Pham, E. A., Fram, B., Nguyen, K., Xiong, A., Sklan, E. H., Elazar, M., Koytak, E. S., Kersten, C., Kanazawa, K. K., Frank, et al  
2015; 148 (3): 616-625
- **Using Chimeric Mice with Humanized Livers to Predict Human Drug Metabolism and a Drug-Drug Interaction** *JOURNAL OF PHARMACOLOGY AND EXPERIMENTAL THERAPEUTICS*  
Nishimura, T., Hu, Y., Wu, M., Pham, E., Suemizu, H., Elazar, M., Liu, M., Idilman, R., Yurdaydin, C., Angus, P., Stedman, C., Murphy, B., Glenn, et al  
2013; 344 (2): 388-396
- **Structural Map of a MicroRNA-122: Hepatitis C Virus Complex** *JOURNAL OF VIROLOGY*  
Pang, P. S., Pham, E. A., Elazar, M., Patel, S. G., Eckart, M. R., Glenn, J. S.  
2012; 86 (2): 1250-1254
- **Simplified RNA secondary structure mapping by automation of SHAPE data analysis** *NUCLEIC ACIDS RESEARCH*  
Pang, P. S., Elazar, M., Pham, E. A., Glenn, J. S.  
2011; 39 (22)