Dat Tran, M.D. is an Assistant Professor in the Department of Pediatrics who joined the faculty of The University of Texas Medical School at Houston in July 2009.

Dr. Tran is board certified in Pediatrics and Allergy/Immunology and evaluates patients with allergic and immunological conditions. His research focuses on mechanisms of immune perturbation and regulation. He is working to develop novel strategies to prevent allergic and autoimmune conditions and boost immunity against infections and cancer. He has NHLBI/NIH R01 funding to investigate the role of regulatory T cells in the development of chronic graft versus host disease and to develop novel cell therapy to prevent this debilitating condition. The lab is 1) investigating the role of fever and hyperthermia in modulating immunity and immunological tolerance, 2) studying mechanisms of TGFbeta regulation and presentation, and 3) interested in the role of platelets in modulating immunity. This research includes multiple collaborative projects with pediatric infectious disease, GI and investigators at MDACC. Another goal is to expand the knowledge and application of flow cytometry to the scientific community at UTHealth.

Lab members:
L-R: Daniel Duan, B.S., Huihui Wang, Ph.D., Anha Pham, B.S., Jiaiyi Kong, B.S., Dat Tran, M.D.