Guanhua Lai, MD, PhD

Associate Professor of Pathology
Director, Hematopathology Fellowship
Department of Pathology
Virginia Commonwealth University Health System
Office: 804-828-7828 | Fax: 804-828-2812
Email: Guanhua.Lai@vcuhealth.org

Education

Postgraduate Medical Training

Fellowship - Hematopathology, Department of Pathology
Virginia Commonwealth University Health System, Richmond, Virginia

Residency - AP/CP training program, Department of Pathology
Virginia Commonwealth University Health System, Richmond, Virginia

Medical Education

Suzhou Medical College Suzhou, Jiangsu 215007, P. R. China

Graduate Education

PhD of Molecular Biology - Shanghai Second Medical University
Shanghai 200025, P. R. China

MS - Suzhou Medical College Suzhou, Jiangsu 215007, P. R. China

Licenses & Certifications

Medical Licenses (Current)

Board of Medicine, Commonwealth of Virginia

Board Certifications

Diplomate, American Board of Pathology, combined Anatomic and Clinical Pathology
Diplomate, American Board of Pathology, Hematology

Recent Grants & Funding

2024-2028	NIH 1R01DK139587-01, 09/2024–07/2028, Total Award Amount (including Indirect Costs): $561,785, Circular RNAs in Cholestatic Liver Diseases, Co-PI, 2.4% effort
2023-2028	NIH/NIAAA 5R01AA030180-02, 07/01/2023-04/30/2028, Total Award Amount (including Indirect Costs): $1,046,124 , Sphingolipids in alcoholic liver disease, Co-PI, 2.4% effort

Selected Publications

Mihori M, Bryson A, Doern C, Farhat F, **Lai G**, Mochel M, Morales M, Smallfield M, Tchoukina I, Vissichelli N. Case Report: Donor-derived Chagas Disease post-heart transplant after false-negative donor Trypanosoma cruzi testing, 2025, Transplantation Direct, 2025 Oct 3;11(11):e1864 DOI: 10.1097

Rothschild SC, **Lai G**, Tombes RM, and Clements WK. 2023 Constitutively active CaMKII Drives B lineage acute lymphoblastic leukemia/lymphoma in tp53 mutant zebrafish PLOS Genetics Dec 20;19(12):e1011102, PMID: 38117861

Gillam J, Catic A, Paulraj P, Dalton J, **Lai G**, Jackson-Cook C, Turner S, Ferreira-Gonzalez A, and Barrie E 2022 Acute Megakaryoblastic Leukemia with Trisomy 3 and CBFA2T3-GLIS2, A Case Report. Genes, Chromosomes and Cancer Aug;61(8):491496, PMID: 35294081

Liaquat S, **Lai G**, Patel S, and Jayakumar R 2021 Rare case of CD3- T cell larger granular lymphocytic leukemia; a diagnostic pitfall Arch Pathol Lab Med (2021 Sept) 145 (9): e79

Y Wang, YL Tai, D Zhao, Y Zhang, J Yan, G Kakiyama, X Wang, EC. Gurley, J Liu, J Liu, J Liu, **G Lai**, PB. Hylemon, WM. Pandak, W Chen, and H Zhou 2021 Berberine prevents disease progression of nonalcoholic teatohepatitis through multiple target Cells Jan 21; 10(2):210, PubMed PMID: 33494295