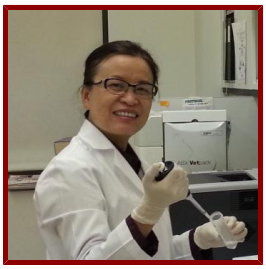
Stanford



# Y. Lucy Liu, MD, PhD

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## Bio

### BIO

Dr. Liu received her medical and clinical pharmacology training at two of the most prestigious medical institutions in China—West China School of Medicine (Sichuan University) and Peking Union Medical College (PUMC). She possesses extensive research experience in human molecular genetics, tumor biology, and experimental therapeutics.

Dr. Liu is internationally recognized for her expertise in two rare pediatric hematologic disorders: juvenile myelomonocytic leukemia (JMML) and Diamond-Blackfan anemia (DBA). She has authored more than 30 peer-reviewed publications in leading scientific journals, including Nature Genetics, Blood, Leukemia, and the Journal of Clinical Investigation (JCI). At her previous institutions, Dr. Liu served as a Principle Investigator (PI) and co-investigator on several NIH-funded research projects. In 2019, Dr. Liu joined the Department of Pediatrics at the Stanford University School of Medicine as a Senior Research Scientist. She recently developed a novel mouse model for DBA, which has proven to be a valuable tool for evaluating potential therapeutic strategies. Her current research focuses on elucidating the molecular pathogenesis of DBA and developing innovative treatment approaches for DBA. Since joining Stanford, Dr. Liu has published multiple manuscripts highlighting her ongoing research contributions.