

Stanford

Brian Yu

MD Student with Scholarly Concentration in Molecular Basis of Medicine /
Cardiovascular-Pulmonary Sciences, expected graduation Spring 2025

Bio

HONORS AND AWARDS

- Samuel A. Levine Early Career Clinical Investigator Award Finalist, American Heart Association (2022)
- Predoctoral Fellowship, American Heart Association (2022-2023)
- Dorothy Dee and Marjorie Helene Boring Trust Award, Stanford Cardiovascular Institute (2021)

PROFESSIONAL AFFILIATIONS AND ACTIVITIES

- Student, American Heart Association (AHA) (2018 - present)

EDUCATION AND CERTIFICATIONS

- Bachelor of Arts, University of Chicago (2018)

SERVICE, VOLUNTEER, AND COMMUNITY WORK

- Cardiovascular Clinic Coordinator (8/10/2020)

Research & Scholarship

LAB AFFILIATIONS

- Joseph Wu, Wu lab (3/1/2021)

Publications

PUBLICATIONS

- **Impact of Patient-Reported Outcome Measurement in Heart Failure Clinic on Clinician Health Status Assessment and Patient Experience: A Sub-Study of the PRO-HF Trial.** *Circulation. Heart failure*
Sandhu, A. T., Zheng, J., Kalwani, N., Gupta, A., Calma, J., Skye, M., Lan, R., Yu, B., Spertus, J., Heidenreich, P.
2022
- **Involvement of Rho-Associated Coiled-Coil Containing Kinase (ROCK) in BCR-ABL1 Tyrosine Kinase Inhibitor Cardiovascular Toxicity** *JACC: CARDIOONCOLOGY*
Yu, B., Osman, A. G., Sladojevic, N., Prabhu, N., Tai, H., Chen, D., Perla, G., Park, L., Larson, R. A., Liao, J. K.
2022; 4 (3): 371-383
- **Deconvoluting the Cells of the Human Heart with iPSC Technology: Cell Types, Protocols, and Uses.** *Current cardiology reports*
Yu, B., Zhao, S. R., Yan, C. D., Zhang, M., Wu, J. C.
2022
- **Improvements in patient safety culture: a national Taiwanese survey, 2009-16** *INTERNATIONAL JOURNAL FOR QUALITY IN HEALTH CARE*
Yu, B., Wen, C., Lo, H., Liao, H., Wang, P.
2020; 32 (1): A9-A17

- **Targeting Rho-associated coiled-coil forming protein kinase (ROCK) in cardiovascular fibrosis and stiffening** *EXPERT OPINION ON THERAPEUTIC TARGETS*
Yu, B., Sladojevic, N., Blair, J. E., Liao, J. K.
2020; 24 (1): 47–62
- **Molecular Mechanisms for Statin Pleiotropy and Possible Clinical Relevance in Cardiovascular Disease** *Pharmaceutical Biocatalysis: Important Enzymes, Novel Targets, and Therapies*
Yu, B., Sladojevic, N., Liao, J. K.
Taylor & Francis.2020; 1
- **Regulator of G-Protein Signaling 5 Maintains Brain Endothelial Cell Function in Focal Cerebral Ischemia.** *Journal of the American Heart Association*
Sladojevic, N. n., Yu, B. n., Liao, J. K.
2020: e017533
- **RELATIONSHIP BETWEEN GLOBAL LONGITUDINAL STRAIN AND LEFT VENTRICULAR DIASTOLIC FUNCTION** *American College of Cardiology Scientific Session 2019*
Yu, B., Lin, I., Cornish, B., Lin, K., Park, L., Perla, G., Lin, S. S.
2019
- **Rho-Associated Kinase Activity Correlates With the Presence of Diastolic Dysfunction in Patients With Normal Left Ventricular Ejection Fraction** *American Heart Association Scientific Session 2019*
Yu, B., Al Kassem, H., Ma, L., Allan, T., Dryer, K., Park, L., Malwankar, J., Perla, G., Blair, J. E., Liao, J. K.
2019
- **ABL Tyrosine Kinase Inhibitors (TKIs) Are Associated with Increased Rho-Associated Kinase (ROCK) Activity That May Contribute to Vascular Toxicity in Patients with Chronic Myeloid Leukemia (CML)** *American Society of Hematology Annual Meeting 2018*
Osman, A., Yu, B., Glavin, N., Polonsky, T. S., Liao, J. K., Larson, R. A.
2018
- **THE FEASIBILITY OF GLOBAL LONGITUDINAL STRAIN IN CLINICAL PRACTICE AND RELATIONSHIP WITH EJECTION FRACTION**
Yu, B., Lin, I., Boyd, H., Winchester, S., Caldwell, E., Lin, K., Cornish, B., Lin, S. S.
2018
- **Fibroblast deletion of ROCK2 attenuates cardiac hypertrophy, fibrosis, and diastolic dysfunction** *JCI INSIGHT*
Shimizu, T., Narang, N., Chen, P., Yu, B., Knapp, M., Janardanan, J., Blair, J., Liao, J. K.
2017; 2 (13)
- **ROCK as a therapeutic target for ischemic stroke** *EXPERT REVIEW OF NEUROTHERAPEUTICS*
Sladojevic, N., Yu, B., Liao, J. K.
2017; 17 (12): 1167–77