Stanford



# Han Zhu

Assistant Professor of Medicine (Cardiovascular Medicine)

Medicine - Cardiovascular Medicine


**CLINICAL OFFICE (PRIMARY)**

- **Stanford Health Care Cardiovascular Medicine**
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**ACADEMIC CONTACT INFORMATION**

- **Non-Clinical Administrative Assistant**
  Angela Valdez - Admin Associate II
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## Bio

### BIO

Dr. Zhu is an Assistant Professor of Medicine whose clinical and research expertise focuses on cardio-oncology and cardio-immunology. She specializes in the cardiovascular care of patients undergoing therapies for cancer, with a particular focus on the effects of immunotherapies on the heart. She received a bioengineering degree from MIT, medical degree from Case Western Reserve University, and completed clinical cardiology fellowship and internal medicine residency training at Stanford University School of Medicine. Dr. Zhu's laboratory focuses on myocarditis, cardiac inflammation, and the effects of cancer therapeutics on the cardiovascular system. Her current research employs clinical data, bio-banked samples, and in vivo/in vitro preclinical models in combination with single-cell technologies to study immune-based toxicities in the heart. Dr. Zhu's clinic sees cardio-oncology and cardio-immunology patients and her lab focuses on devising new methods for minimizing cardiovascular complications in the cancer and autoimmune patient populations.

### CLINICAL FOCUS

- Cardiovascular Disease
- Cardio-Oncology
- Cardio-Immunology

### ACADEMIC APPOINTMENTS

- Assistant Professor-Univ Med Line, Medicine - Cardiovascular Medicine
- Member, Bio-X
- Member, Cardiovascular Institute

### ADMINISTRATIVE APPOINTMENTS

- Director, Stanford Translational Cardio-Oncology, (2022- present)

### HONORS AND AWARDS

- NIH R01 Award, National Institutes of Health (9/2025-)
- NIH R03 Award, National Institutes of Health (8/1/2024-)

- NIH Katz R01 Award, National Institutes of Health (8/1/2024-)
- Stanford Cardiovascular Institute (CVI) Seed Grant, Stanford Cardiovascular Institute (CVI) (9/2023)
- Stanford Cardiovascular Institute (CVI) Manuscript Award, Stanford Cardiovascular Institute (CVI) (1/2023)
- NIH K08 Mentored Clinical Scientist Research Career Development Award, National Institute of Health (NIH) (2022-)
- Melvin L. Marcus Early Career Investigator Award Finalist, American Heart Association (AHA) - Basic Cardiovascular Sciences (BCVS) (2021)
- Gerald Reaven Basic Science Research Award, Stanford University (2020)
- Sarnoff Scholar Career Development Award, Sarnoff Cardiovascular Foundation (2020)
- Sanofi Innovation Awards (iAwards), Sanofi (2019-2021)
- NIH F32 Ruth Kirschstein National Research Service Award Grant, National Institute of Health (NIH) (2019)
- Stanford Cancer Institute (SCI) Innovation Award, Stanford Cancer Institute (SCI) (2019)
- NIH Loan Repayment Award, National Institute of Health (NIH) (7/2019)
- Alpha Omega Alpha (AOA) Member, Alpha Omega Alpha (AOA) (2014)
- Myron F. Kanter and Lawrence J. Kanter Endowment Fund Award, Myron F. Kanter and Lawrence J. Kanter Foundation (2014)
- Sarnoff Cardiovascular Research Foundation Fellowship, Sarnoff Cardiovascular Foundation (2012-2013)
- Irwin H. Lepow Research Award, Irwin H. Lepow Research Foundation (2011)
- American Federation of Aging Research (AFAR) Grant Recipient, American Federation of Aging Research (AFAR) (2010)

## BOARDS, ADVISORY COMMITTEES, PROFESSIONAL ORGANIZATIONS

- Committee Member, AHA Cardio-Oncology Subcommittee (2020 - present)
- Chair Elect, AHA Basic Cardiovascular Sciences (BCVS) Committee on Inflammation and Heart Failure (2024 - present)
- Assistant Editor, JACC: CardioOncology (2020 - present)
- Cardio-Oncology Subcommittee Member, American Heart Association (AHA) (2019 - present)
- Committee Member, American College of Cardiology Cardio-Oncology - California Chapter (2020 - present)
- Member, Society of Cardiovascular Computed Tomography (SCCT) (2019 - present)
- Member, American Society of Echocardiography (2019 - present)

## PROFESSIONAL EDUCATION

- Board Certification: Adult Echocardiography, National Board of Echocardiography (2019)
- Board Certification: Cardiovascular Disease, American Board of Internal Medicine (2020)
- Board Certification, American College of Cardiology/ABIM , Cardiovascular Disease (2020)
- Fellowship: Stanford University Cardiovascular Medicine Fellowship (2020) CA
- Board Certification, Society of Cardiovascular Computer Tomography (SCCT) , Cardiac CT (2019)
- Board Certification: Internal Medicine, American Board of Internal Medicine (2017)
- Residency: Stanford University Internal Medicine Residency (2017) CA
- Medical Education: Case Western Reserve School of Medicine (2014) OH
- Residency, Stanford University , Internal Medicine (2017)
- Doctor of Medicine, Case Western Reserve University School of Medicine , Medicine (2014)
- Sarnoff Fellow, Sarnoff Cardiovascular Research Foundation , Research fellowship (2012)
- Bachelor of Science, Massachusetts Institute of Technology (MIT) , Biological Engineering (2009)

### PATENTS

- Sean Wu, Han Zhu, Patricia Nguyen. "United States Patent 63/235,580 IDENTIFICATION OF PATHOGENIC IMMUNE CELL SUBSETS IN CHECKPOINT INHIBITOR-INDUCED MYOCARDITIS", Leland Stanford Junior University, Aug 20, 2021

### LINKS

- Han Zhu Lab Website: https://www.hanzhulab.com/
- Get a Second Opinion: https://stanfordhealthcare.org/second-opinion/overview.html

## Research & Scholarship

### CLINICAL TRIALS

- Idiopathic Pulmonary Fibrosis and Interstitial Lung Disease Prospective Outcomes Registry, Not Specified

## Teaching

### STANFORD ADVISEES

**Med Scholar Project Advisor**

Rania Abdusamad

**Postdoctoral Faculty Sponsor**

Miguel Franquiz, Min Kyung Lee, Yin Sun, Maria Rosaria Vitale, Wai Yen Yim

## Publications

### PUBLICATIONS

- **Generation of an induced pluripotent stem cell line (SCVIi192-A) from a patient with immune checkpoint inhibitor-induced myocarditis and concurrent type 1 diabetes.** *Stem cell research*
  Lee, M. K., Vitale, M. R., Sun, Y., Wagner, N. S., Sundar, H. A., Sun, S., Ramchandran, A., Khatua, S., Chou, H., Huang, Y. V., Zhuge, Y., Wu, J. C., Zhu, et al
  2026; 97: 104124

- **Immune Responses in Checkpoint Inhibitor-Associated Cardiovascular Immune-Related Adverse Events: JACC: CardioOncology State-of-the-Art Review.** *JACC. CardioOncology*
  Reynolds, K. L., Villani, A. C., Drobni, Z. D., Neilan, T. G., Zhu, H., Wagner, N. S., Balko, J. M., Fankhauser, R., Moslehi, J. J., Palaskas, N. L., Pauken, K. E., Siddiqui, B. A., Blum, et al
  2026; 8 (5): 463-482

- **Mitral Valve Malignant Glomus Tumor Presenting With Multiple Embolic Events.** *JACC. Case reports*
  Franquiz, M. J., Krishnan, A., Lopez, J. R., Sanchez, A. C., Myall, N. J., Zhou, M. Y., Charville, G. W., MacArthur, J. W., Berry, G., Zhu, H., Rockson, S. G.
  2026: 109562

- **Zanubrutinib monotherapy for IgG4-related head and neck disease.** *Annals of the rheumatic diseases*
  Baker, M. C., Gawde, S., Horomanski, A., Fairchild, R. M., Liu, Y., Mikelov, A., Sun, Y., Vitale, M. R., Maestri, E., Held, F., Deluna, M., Park, W. G., Siddiqi, et al
  2026

- **Generation of three induced pluripotent stem cell lines from an immune checkpoint inhibitor-induced myocarditis patient and controls.** *Stem cell research*
  Sun, Y., Vitale, M. R., Hnatiuk, A. P., Wagner, N. S., Sun, S., Yang, X., Liu, L., Khatua, S., Sundar, H. A., Chou, H., Huang, Y. V., Waliany, S., Zhuge, et al
  2026; 95: 104057

- **REPLY: Pragmatic Troponin Surveillance for ICI Cardiotoxicity: Impactful Lessons From Real-World Practice.** *JACC. CardioOncology*
  Cheng, E., Ivanovic, M., Witteles, R., Waliany, S., Zhu, H.

2026; 8 (1): 96-97

- **Immune Responses in Checkpoint Inhibitor–Associated Cardiovascular Immune–Related Adverse Events: JACC: CardioOncology State-of-the-Art Review** *JACC: CardioOncology*
  Reynolds, K. L., Villani, A., Drobni, Z. D., Neilan, T. G., Zhu, H., Wagner, N. S., Balko, J. M., Fankhauser, R., Moslehi, J. J., Palaskas, N. L., Pauken, K. E., Siddiqui, B. A., Blum, et al
  2026; 8 (5)

- **Using plasma cell-free mRNA to profile immune response and myocardial damage in immune checkpoint inhibitor-induced myocarditis.** *The Journal of clinical investigation*
  Raissadati, A., Zhou, X., Chou, H., Huang, Y. V., Khatua, S., Sun, Y., Xu, A., Loa, S., Hernandez, A., Zhu, H., Wu, S. M.
  2025; 135 (16)

- **Cardiac Troponin Screening and Clinical Outcomes in Patients Receiving Immunotherapy.** *JACC. CardioOncology*
  Cheng, E., Ivanovic, M., Chan, A., Xu, S., Franquiz, M., Lee, C., You, J., Fazal, M., Le Guen, Y., Batchelder, R., Reddy, S. A., Katsumoto, T., Ramchandran, et al
  2025

- **Immune checkpoint inhibitor-associated myocarditis: a novel risk score.** *European heart journal*
  Power, J. R., Dolladille, C., Ozbay, B., Procureur, A., Ederhy, S., Palaskas, N. L., Lehmann, L. H., Cautela, J., Courand, P. Y., Hayek, S. S., Zhu, H., Zaha, V. G., Cheng, et al
  2025

- **Artificial Intelligence to Enhance Precision Medicine in Cardio-Oncology: A Scientific Statement From the American Heart Association** *CIRCULATION-GENOMIC AND PRECISION MEDICINE*
  Khera, R., Asnani, A. H., Krive, J., Addison, D., Zhu, H., Vasbinder, A., Fleming, M. R., Arnaout, R., Razavi, P., Okwuosa, T. M., Amer Heart Assoc Cardio Oncology Data Sci Precision Med Comm Council, Council Cardiovasc Radiology Intervention, Council Cardiovasc Stroke Nursing
  2025; 18 (2): e000097

- **Novel Therapeutic Approach Targeting CXCR3 to Treat Immunotherapy Myocarditis.** *Circulation research*
  Huang, Y. V., Sun, Y., Chou, H., Wagner, N., Vitale, M. R., Bayer, A. L., Xu, B., Lee, D., Lin, Z., Branche, C., Waliany, S., Neal, J. W., Wakelee, et al
  2025

- **Classes of Antineoplastic Agents Associated with Increased Risk of Cancer Therapy-associated Hypertension and Management Strategies.** *Cardiology clinics*
  Sayegh, H., Zagouras, A., Neal, J. W., Witteles, R. M., Zhu, H., Waliany, S.
  2025; 43 (1): 31-42

- **Immune Checkpoint Inhibitor Myocarditis and Left Ventricular Systolic Dysfunction** *JACC: CardioOncology*
  Chen, Y., Dolladille, C., Rao, A., Palaskas, N. L., Deswal, A., Lehmann, L., Cautela, J., Courand, P., Hayek, S., Zhu, H., et al
  2025; 7 (3)

- **Immune checkpoints in cardiac physiology and pathology: therapeutic targets for heart failure.** *Nature reviews. Cardiology*
  Gergely, T. G., Drobni, Z. D., Kallikourdis, M., Zhu, H., Meijers, W. C., Neilan, T. G., Rassaf, T., Ferdinandy, P., Varga, Z. V.
  2024

- **Thymus alterations and susceptibility to immune checkpoint inhibitor myocarditis (vol 29, pg 3100, 2023)** *NATURE MEDICINE*
  Fenioux, C., Abbar, B., Boussouar, S., Bretagne, M., Power, J. R., Moslehi, J. J., Gougis, P., Amelin, D., Dechartres, A., Lehmann, L. H., Courand, P., Cautela, J., Alexandre, et al
  2024

- **THE IMPACT OF ROUTINE CARDIAC TROPONIN I-BASED CARDIOTOXICITY SCREENING ON CLINICAL OUTCOMES IN PATIENTS ON CANCER IMMUNOTHERAPY** *biorxv*
  Ivanovic, M., Chan, A., Cheng, E., Xu, S., Lee, C., Franquiz, M., You, J., Fazal, M., Batchelder, R., Reddy, S., Katsumoto, T., Ramchandran, K., Colevas, et al
  2024

- **Immunotherapy-Associated Atherosclerosis: A Comprehensive Review of Recent Findings and Implications for Future Research.** *Current treatment options in cardiovascular medicine*
  Chan, A., Torelli, S., Cheng, E., Batchelder, R., Waliany, S., Neal, J., Witteles, R., Nguyen, P., Cheng, P., Zhu, H.
  2023; 25 (12): 715-735

- **Osimertinib-Associated Cardiomyopathy In Patients With Non-Small Cell Lung Cancer: A Case Series** *JACC: CardioOncology*
  Franquiz, M., Waliany, S., Xu, A., Hnatiuk, A., Wu, S., Cheng, P., Wakelee, H., Neal, J., Witteles, R., Zhu, H.
  2023: 839-841

- **Cardiomuscular Biomarkers in the Diagnosis and Prognostication of Immune Checkpoint Inhibitor Myocarditis.** *Circulation*
  Lehmann, L. H., Heckmann, M. B., Bailly, G., Finke, D., Procureur, A., Power, J. R., Stein, F., Bretagne, M., Ederhy, S., Fenioux, C., Hamwy, O., Funck-Brentano, E., Romano, et al
  2023

- **The potential of auto-antigen-guided treatment of immune checkpoint inhibitor-mediated myocarditis.** *Med (New York, N.Y.)*
  Zhu, H., Huang, Y. V., Wu, S. M.
  2023; 4 (1): 13-14

- **Late-Onset Immunotherapy-Induced Myocarditis 2 Years After Checkpoint Inhibitor Initiation.** *JACC. CardioOncology*
  Nguyen, A. T., Berry, G. J., Witteles, R. M., Le, D. T., Wu, S. M., Fisher, G. A., Zhu, H.
  2022; 4 (5): 727-730

- **The Role of Single-Cell Profiling and Deep Immunophenotyping in Understanding Immune Therapy Cardiotoxicity.** *JACC. CardioOncology*
  Huang, Y. V., Waliany, S., Lee, D., Galdos, F. X., Witteles, R. M., Neal, J. W., Fan, A. C., Maecker, H. T., Nguyen, P. K., Wu, S. M., Zhu, H.
  2022; 4 (5): 629-634

- **devCellPy is a machine learning-enabled pipeline for automated annotation of complex multilayered single-cell transcriptomic data.** *Nature communications*
  Galdos, F. X., Xu, S., Goodyer, W. R., Duan, L., Huang, Y. V., Lee, S., Zhu, H., Lee, C., Wei, N., Lee, D., Wu, S. M.
  2022; 13 (1): 5271

- **Coronary artery disease and revascularization associated with immune checkpoint blocker myocarditis: Report from an international registry.** *European journal of cancer (Oxford, England : 1990)*
  Nowatzke, J., Guedeney, P., Palaskas, N., Lehmann, L., Ederhy, S., Zhu, H., Cautela, J., Francis, S., Courand, P. Y., Deswal, A., Ewer, S. M., Aras, M., Arangalage, et al
  2022

- **Identification of Pathogenic Immune Cell Subsets Associated With Checkpoint Inhibitor-Induced Myocarditis.** *Circulation*
  Zhu, H., Galdos, F. X., Lee, D., Waliany, S., Vivian Huang, Y., Ryan, J., Dang, K., Neal, J. W., Wakelee, H. A., Reddy, S. A., Srinivas, S., Lin, L. L., Witteles, et al
  2022: 101161CIRCULATIONAHA121056730

- **Mono- and Biallelic Protein-Truncating Variants in Alpha-Actinin 2 Cause Cardiomyopathy Through Distinct Mechanisms.** *Circulation. Genomic and precision medicine*
  Lindholm, M. E., Jimenez-Morales, D., Zhu, H., Seo, K., Amar, D., Zhao, C., Raja, A., Madhvani, R., Abramowitz, S., Espenel, C., Sutton, S., Caleshu, C., Berry, et al
  2021: CIRCGEN121003419

- **Pharmacovigilance analysis of cardiac toxicities associated with targeted therapies for metastatic non-small cell lung carcinoma.** *Journal of thoracic oncology : official publication of the International Association for the Study of Lung Cancer*
  Waliany, S., Zhu, H., Wakelee, H., Padda, S. K., Das, M., Ramchandran, K., Myall, N. J., Chen, T., Witteles, R. M., Neal, J. W.
  2021

- **Myocarditis Surveillance with High-Sensitivity Troponin I During Cancer Treatment with Immune Checkpoint Inhibitors.** *JACC. CardioOncology*
  Waliany, S., Neal, J. W., Reddy, S., Wakelee, H., Shah, S. A., Srinivas, S., Padda, S. K., Fan, A. C., Colevas, A. D., Wu, S. M., Witteles, R. M., Zhu, H.
  2021; 3 (1): 137–39

- **Preclinical Models of Cancer Therapy-Associated Cardiovascular Toxicity: A Scientific Statement From the American Heart Association.** *Circulation research*
  Asnani, A. n., Moslehi, J. J., Adhikari, B. B., Baik, A. H., Beyer, A. M., de Boer, R. A., Ghigo, A. n., Grumbach, I. M., Jain, S. n., Zhu, H. n.
  2021: RES0000000000000473

- **Immune checkpoint inhibitor cardiotoxicity: Breaking barriers in the cardiovascular immune landscape.** *Journal of molecular and cellular cardiology*

Zhu, H., Ivanovic, M., Nguyen, A., Nguyen, P. K., Wu, S. M.
2021

- **Cardiovascular Complications in Patients with COVID-19: Consequences of Viral Toxicities and Host Immune Response** *Curr Cardiol Rep*
  Zhu, H., Rhee, J., Cheng, P., Waliany, S., Chang, A., Witteles, R. M., Maecker, H., Davis, M. M., Nguyen, P. K., Wu, S. M.
  2020; 22 (5)

- **Sinoatrial node toxicity after stereotactic ablative radiation therapy to lung tumors.** *Practical radiation oncology*
  Qian, Y. n., Zhu, H. n., Pollom, E. L., Durkee, B. Y., Chaudhuri, A. A., Gensheimer, M. F., Diehn, M. n., Shultz, D. B., Loo, B. W.
  2017

- **Glucocorticoids enhance muscle endurance and ameliorate Duchenne muscular dystrophy through a defined metabolic program.** *Proceedings of the National Academy of Sciences of the United States of America*
  Morrison-Nozik, A., Anand, P., Zhu, H., Duan, Q., Sabeh, M., Prosdocimo, D. A., Lemieux, M. E., Nordsborg, N., Russell, A. P., MacRae, C. A., Gerber, A. N., Jain, M. K., Haldar, et al
  2015; 112 (49): E6780-9

- **miR-222 is necessary for exercise-induced cardiac growth and protects against pathological cardiac remodeling.** *Cell metabolism*
  Liu, X., Xiao, J., Zhu, H., Wei, X., Platt, C., Damilano, F., Xiao, C., Bezzerides, V., Boström, P., Che, L., Zhang, C., Spiegelman, B. M., Rosenzweig, et al
  2015; 21 (4): 584-95

- **Kruppel-like factor 15 is a critical regulator of cardiac lipid metabolism.** *The Journal of biological chemistry*
  Prosdocimo, D. A., Anand, P., Liao, X., Zhu, H., Shelkay, S., Artero-Calderon, P., Zhang, L., Kirsh, J., Moore, D., Rosca, M. G., Vazquez, E., Kerner, J., Akat, et al
  2014; 289 (9): 5914-24

- **Kruppel-like factor 15 regulates skeletal muscle lipid flux and exercise adaptation.** *Proceedings of the National Academy of Sciences of the United States of America*
  Haldar, S. M., Jeyaraj, D., Anand, P., Zhu, H., Lu, Y., Prosdocimo, D. A., Eapen, B., Kawanami, D., Okutsu, M., Brotto, L., Fujioka, H., Kerner, J., Rosca, et al
  2012; 109 (17): 6739-44

- **Elevated fibroblast growth factor-2 increases tumor necrosis factor-alpha induced endothelial cell death in high glucose.** *Journal of cellular physiology*
  Clyne, A. M., Zhu, H., Edelman, E. R.
  2008; 217 (1): 86-92

- **A porous photocurable elastomer for cell encapsulation and culture.** *Biomaterials*
  Gerecht, S., Townsend, S. A., Pressler, H., Zhu, H., Nijst, C. L., Bruggeman, J. P., Nichol, J. W., Langer, R.
  2007; 28 (32): 4826-35

- **CXCR3 Blockade Uncouples Immunotherapy-Induced Myocarditis from Anti-Tumor Immunity Through Oxygen-Dependent mTORC1/HIF1α Metabolic Adaptation**
  Sun, Y., Vitale, M., Shankar, T., Lee, M., Wagner, N., Chen, S., Liu, N., Huang, Y., Sundar, H., Zhu, W., Liu, L., Yang, X., Liu, et al
  LIPPINCOTT WILLIAMS & WILKINS.2026: A10867

- **Biomarker Phenotypes of ICI Myocarditis: Uncovering Echocardiographic and 6-month Survival Differences**
  Whitebloom, G., Churchill, R. A., Jhaveri, A., Fan, R., Fleming, M., Palaskas, N. L., Cautela, J., Lehmann, L., Roubille, F., Hayek, S., Courand, P., Bailly, G., Cooksley, et al
  LIPPINCOTT WILLIAMS & WILKINS.2026: A7093

- **Peripheral Single-Cell and TCR Profiling Reveals Coordinated Myeloid Activation and Cytotoxic T-Cell Clonal Expansion in Severe ICI Myocarditis**
  Li, J., Vitale, M., Sun, Y., Sundar, H., Chou, H., Elorbany, R., Cheng, E., Zhu, H.
  LIPPINCOTT WILLIAMS & WILKINS.2026: A16134

- **Clonal Dynamics and Phenotypic Characterization of Cardiac Antigen Responsive CD8 T Cells in Immune Checkpoint Inhibitor Myocarditis**
  Vitale, M., Sun, Y., Wagner, N., Sundar, H., Lee, M., Mercola, M., Hnatiuk, A. P., Zhu, H.
  LIPPINCOTT WILLIAMS & WILKINS.2026: A18989

- **Contracted T-Cell Receptor Repertoires and Clonal Expansion in Cardiac and Pulmonary Sarcoidosis**
  Sundar, H., Chou, H., Banga, N., Franquiz, M., Vitale, M., Yim, W., Galdos, F. X., Sun, Y., Huang, Y., Nguyen, V., Li, J., Dunn, C., Montgomery, et al
  LIPPINCOTT WILLIAMS & WILKINS.2026: A11029

- **Single-Cell Multi-Omics Analysis Identifies a Th17.1-Fibroblast TGF-β Signaling Axis in Cardiac Sarcoidosis**
  Sundar, H., Banga, N., Franquiz, M., Chou, H., Vitale, M., Galdos, F., Sun, Y., Huang, Y., Nguyen, V., Dunn, C., Montgomery, C., Berry, G., Baker, et al
  LIPPINCOTT WILLIAMS & WILKINS.2026: AWed011

- **Beta-Adrenergic Stimulation and MYH7 G256E Mutant Gene Dosage Drive Hypertrophic Cardiomyopathy Phenotype Penetrance.** *bioRxiv : the preprint server for biology*
  Heinrich, P., Jung, R. M., Achter, J. S., Nguyen, V. X., Lee, C. A., Sailer, C., Domian, H., Vander Roest, A., Suchy, F. P., Jahng, J. W., Kojic, A., Lee, D., Paasche, et al
  2026

- **COMBINATION IMMUNE CHECKPOINT INHIBITOR MYOCARDITIS MANIFESTING WITH COMPLETE HEART BLOCK**
  Tsai, N., Zheng, J., Zhu, H., Pizula, J.
  ELSEVIER SCIENCE INC.2026: A1286

- **PRIOR MYOCARDIAL INJURY AND CLINICAL OUTCOMES IN PATIENTS WITH ICI-ASSOCIATED MYOCARDITIS**
  Li, J., Khatua, S., Sun, Y., Cheng, E., Zhu, H.
  ELSEVIER SCIENCE INC.2026: A1106

- **REFRACTORY IMMUNE CHECKPOINT INHIBITOR MYOCARDITIS SUCCESSFULLY TREATED WITH METHOTREXATE**
  Li, J., Katsumoto, T., Zhu, H.
  ELSEVIER SCIENCE INC.2026: A1502

- **Seasons of risk: Investigating temporal trends in ICI-associated Myocarditis**
  Griffith, C., Park, E., Cheng, E., Mccroskey, S., Katsumoto, T., Zhu, H., Funchain, P.
  AMER ASSOC CANCER RESEARCH.2026

- **Prior Myocardial Injury and Clinical Outcomes in Patients with ICI-Associated Myocarditis** *American College of Cardiology Annual Scientific Session*
  Li, J., Khatua, S., Vitale, M. R., Sun, Y., Sundar, H., Elorbany, R., Cheng, E., Zhu, H.
  2026

- **Single-Cell Multi-Omics Analysis Identifies a Th17.1–Fibroblast TGF-β Signaling Axis in Cardiac Sarcoidosis** *Basic Cardiovascular Sciences*
  Sundar, H. S., Banga, N., Franquiz, M., Chou, H., Vitale, M. R., Galdos, F., Sun, Y., Huang, Y., Nguyen, V., Dunn, C., Montgomery, C., Berry, G., Baker, et al
  2026

- **Generation of an induced pluripotent stem cell line from a patient with immune checkpoint inhibitor-induced myocarditis and concurrent type I diabetes** *bioRxiv*
  Lee, M. K., Vitale, M. R., Sun, Y., Wagner, N. S., Sundar, H. A., Sun, S., Ramchandran, A., Khatua, S., Chou, H., Huang, Y. V., Zhuge, Y., Wu, J. C., Zhu, et al
  2026

- **Combination Immune Checkpoint Inhibitor Myocarditis Manifesting with Complete Heart Block** *American College of Cardiology Annual Scientific Session*
  Tsai, N., Zheng, J., Zhu, H., Pizula, J.
  2026

- **Refractory Immune Checkpoint Inhibitor Myocarditis Successfully Treated with Methotrexate** *American College of Cardiology Annual Scientific Session*
  Li, J., Funchain, P., Katsumoto, T., Zhu, H.
  2026

- **<ol><li> <underline>Uncovering the Role of T-Cell and Fibroblast Crosstalk in Immunotherapy-Induced Myocarditis</underline></li></ol>**
  Wagner, N., Vitale, M., Sun, Y., Zambrano, M., Bayer, A., Alcaide, P., Moslehi, J., Zhu, H.
  LIPPINCOTT WILLIAMS & WILKINS.2025

- **Immune Checkpoint Inhibitor Myocarditis and Left Ventricular Systolic Dysfunction.** *JACC. CardioOncology*
  Chen, Y. C., Dolladille, C., Rao, A., Palaskas, N. L., Deswal, A., Lehmann, L., Cautela, J., Courand, P. Y., Hayek, S., Zhu, H., Cheng, R. K., Alexandre, J., Baldassarre, et al
  2025; 7 (3): 234-248

- **PO-02-141 ATRIAL FIBRILLATION IN PATIENTS ON BRUTON'S TYROSINE KINASE INHIBITORS: RISK PROFILE OF NEWER GENERATION MEDICATIONS** *Heart Rhythm*
  Devathu, R., Fazal, M., Godinez, E., Albayrak, Y., Gonzalez, D., Paranjpe, I., Sun, E., Clopton, P., Wei, C., Narezkina, A., Heyman, B., Fakhri, B., Cheng, et al
  2025; 22 (4): S297

- **Predictors of Atrial Fibrillation in Patients on Non-Bruton's Tyrosine Kinase Inhibitors** *Heart Rhythm Society*
  Devathu, R., Godinez, E., Albayrak, Y., Gonzalez, D., Paranjpe, I., Sun, E., Clopton, P., Wei, C., Narezkina, A., Cheng, P., Zhu, H., Rhee, J., Rogers, et al
  2025

- **Investigating Th17.1 Cell Recruitment and CXCR3 Blockade in the Pathogenesis of Cardiac Sarcoidosis** *REACH Capstone*
  Parilla-Garcia, J., Vitale, M. R., Chou, H., Banga, N., Baker, M., Witteles, R., Zhu, H.
  2025

- **Uncovering the Role of T-Cell and Fibroblast Crosstalk in Immunotherapy-Induced Myocarditis** *Circulation*
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