



Michael Fischbein

Associate Professor of Cardiothoracic Surgery (Adult Cardiac Surgery) at the Stanford University Medical Center

 Curriculum Vitae available Online

CLINICAL OFFICES

- **Cardiothoracic Surgery Clinic**

300 Pasteur Dr

Falk Bldg CVRB ULN MC 5407

Stanford, CA 94305

Tel (650) 724-7500

Fax (650) 736-0901

ACADEMIC CONTACT INFORMATION

- **Alternate Contact**

Stephanie Harrington - Residency/Fellowship Coordinator

Email scunanan@stanford.edu

Tel (650) 721-2552

Bio

CLINICAL FOCUS

- Cardiothoracic Surgery
- Aortic Diseases
- Thoracic Surgery
- Anomalous Coronary Artery (ACA)
- Aortic Stenosis
- Bicuspid Aortic Valve Disease
- Coarctation of the Aorta
- Coronary Artery Disease
- Rheumatic Heart Disease
- Thoracic Aortic Aneurysm (TAA)
- Valvular Heart Disease
- Abdominal Aneurysm Open Repair
- Aortic Valve Surgery
- Coronary Artery Bypass Graft Surgery
- Dissection
- Endovascular Aneurysm Repair
- Endovascular Stent Graft
- Heart Surgery
- Heart Valve Replacement/Repair
- Marfan Syndrome
- Loeys-Dietz Syndrome
- Transcatheter Aortic Valve Replacement (TAVR)
- Thoracic Aortic Aneurysm Open Repair
- Transcatheter Aortic Valve Implantation (TAVI)
- Valvular Surgery

ACADEMIC APPOINTMENTS

- Associate Professor - Med Center Line, Cardiothoracic Surgery
- Member, Cardiovascular Institute

HONORS AND AWARDS

- Alpha Omega Alpha, Boston University School of Medicine (1994)
- Cum Laude Graduate, Boston University School of Medicine (1995)
- Caves Scientific Award, International Society for Heart and Lung Transplantation - Osaka, Japan (2000)
- Golden Scalpel Award for Teaching Excellence, Division of General Surgery - UCLA School of Medicine (2003)
- Ronald K. Tompkins Golden Apple Teaching Award, UCLA School of Medicine (2003)

- Donald Morton Research Award, Department of Surgery - UCLA School of Medicine (2003)

PROFESSIONAL EDUCATION

- Fellowship: Stanford University Dept of Cardiothoracic Surgery (2006) CA
- Residency: UCLA General Surgery Residency (2003) CA
- Medical Education: Boston University School of Medicine Office of the Registrar (1995) MA
- Board Certification: Thoracic Surgery, American Board of Thoracic Surgery (2007)
- PhD, University of California, Los Angeles , Microbiology and Immunology (2001)
- MD, Boston University School of Medicine , Medicine - Cum Laude (1995)
- BS, University of California, Los Angeles , Kinesiology (1990)

LINKS

- Stanford Adult Cardiac Services: <http://med.stanford.edu/ctsurgery/clinical-care/adult-cardiac-surgery-services.html>
- Make an Appointment: <http://med.stanford.edu/ctsurgery/contact-us.html#division-of-adult-cardiac-surgery>
- Get a Second Opinion: <https://stanfordhealthcare.org/second-opinion/overview.html>
- Dr. Michael P. Fischbein Fellowship in Cardiothoracic Surgery Research: <http://med.stanford.edu/cssec/student-fellowship.html#dr.-michael-p.-fischbein-fellowship-in-cardiothoracic-surgery-research>

Research & Scholarship

CURRENT RESEARCH AND SCHOLARLY INTERESTS

Molecular and genetic mechanisms of aortic aneurysm/dissection development. Molecular mechanisms of aneurysm formation in Marfan Syndrome. Clinical research interests include thoracic aortic diseases (aneurysms, dissections).

CLINICAL TRIALS

- Evaluation of the GORE® TAG® Thoracic Branch Endoprosthesis (TBE Device) in the Treatment of Lesions of the Aortic Arch and Descending Thoracic Aorta (Zone 2), Recruiting
- Feasibility Study for GORE® TAG® Thoracic Branch Endoprosthesis to Treat Proximal Descending Thoracic Aortic Aneurysms, Recruiting
- Evaluation of the GORE® TAG® Thoracic Branch Endoprosthesis (TBE Device) in the Treatment of Lesions of the Aortic Arch and Descending Thoracic Aorta (Zone 0/1), Not Recruiting
- PERIGON Pivotal Trial, Not Recruiting
- To Evaluate the Safety and Efficacy for GORE TAG Thoracic Endoprosthesis in the Treatment of Thoracic Aortic Disease, Not Recruiting

Teaching

STANFORD ADVISEES

Postdoctoral Faculty Sponsor

Jason Cui

GRADUATE AND FELLOWSHIP PROGRAM AFFILIATIONS

- Cardiothoracic Surgery (Fellowship Program)

Publications

PUBLICATIONS

- **Enhanced Caspase Activity Contributes to Aortic Wall Remodeling and Early Aneurysm Development in a Murine Model of Marfan Syndrome** *ARTERIOSCLEROSIS THROMBOSIS AND VASCULAR BIOLOGY*

- Emrich, F. C., Okamura, H., Dalal, A. R., Penov, K., Merk, D. R., Raaz, U., Hennigs, J. K., Chin, J. T., Miller, M. O., Pedroza, A. J., Craig, J. K., Koyano, T. K., Blankenberg, et al
2015; 35 (1): 146-154
- **Assessment of elastin deficit in a marfan mouse aneurysm model using an elastin-specific magnetic resonance imaging contrast agent.** *Circulation. Cardiovascular imaging*
Okamura, H., Pisani, L. J., Dalal, A. R., Emrich, F., Dake, B. A., Arakawa, M., Onthank, D. C., Cesati, R. R., Robinson, S. P., Milanese, M., Kotek, G., Smit, H., Connolly, et al
2014; 7 (4): 690-696
 - **miR-29b Participates in Early Aneurysm Development in Marfan Syndrome** *CIRCULATION RESEARCH*
Merk, D. R., Chin, J. T., Dake, B. A., Maegdefessel, L., Miller, M. O., Kimura, N., Tsao, P. S., Iosef, C., Berry, G. J., Mohr, F. W., Spin, J. M., Alvira, C. M., Robbins, et al
2012; 110 (2): 312-?
 - **Endovascular Versus Open Repair of Intact Descending Thoracic Aortic Aneurysms** *JOURNAL OF THE AMERICAN COLLEGE OF CARDIOLOGY*
Chiu, P., Goldstone, A. B., Schaffer, J. M., Lingala, B., Miller, D., Mitchell, R., Woo, Y., Fischbein, M. P., Dake, M. D.
2019; 73 (6): 643-51
 - **Current evidence for prosthesis selection: What can we really say?** *The Journal of thoracic and cardiovascular surgery*
Chiu, P., Goldstone, A. B., Fischbein, M. P., Woo, Y. J.
2019
 - **Time-to-operation does not predict outcome in acute type A aortic dissection complicated by neurologic injury at presentation.** *The Journal of thoracic and cardiovascular surgery*
Chiu, P., Rotto, T. J., Goldstone, A. B., Whisenant, J. B., Woo, Y. J., Fischbein, M. P.
2018
 - **Statins Reduce Thoracic Aortic Aneurysm Growth in Marfan Syndrome Mice via Inhibition of the Ras-Induced ERK (Extracellular Signal-Regulated Kinase) Signaling Pathway** *JOURNAL OF THE AMERICAN HEART ASSOCIATION*
Sato, T., Arakawa, M., Tashima, Y., Tsuboi, E., Burdon, G., Trojan, J., Koyano, T., Young-Nam Youn, Penov, K., Pedroza, A. J., Shabazzi, M., Palmon, I., Nguyen, M., et al
2018; 7 (21): e008543
 - **Cytokines profile of reverse cardiac remodeling following transcatheter aortic valve replacement.** *International journal of cardiology*
Kim, J. B., Kobayashi, Y., Kuznetsova, T., Moneghetti, K. J., Brenner, D. A., O'Malley, R., Dao, C., Wu, J. C., Fischbein, M., Craig Miller, D., Yeung, A. C., Liang, D., Haddad, et al
2018; 270: 83-88
 - **PREDICTING MORTALITY WITH AORTOMITRAL CALCIFICATIONS IN 317 TAVR PATIENTS**
Willeminck, M., Maret, E., Moneghetti, K., Kim, J., Haddad, F., Kobayashi, Y., Higashigaito, K., Yeung, A., Lee, A., Miller, D., Fischbein, M., Fearon, W., Fleischmann, et al
ELSEVIER SCIENCE INC.2018: 1591
 - **Two-stage surgical approach for ruptured Salmonella aortitis** *JOURNAL OF THORACIC AND CARDIOVASCULAR SURGERY*
Brewer, Z. E., Dake, M. D., Fischbein, M. P.
2018; 155 (3): E87-E89
 - **Acute Limited Intimal Tears of the Thoracic Aorta.** *Journal of the American College of Cardiology*
Chin, A. S., Willeminck, M. J., Kino, A., Hinostraza, V., Sailer, A. M., Fischbein, M. P., Mitchell, R. S., Berry, G. J., Miller, D. C., Fleischmann, D.
2018; 71 (24): 2773-85
 - **Immediate operation for acute type A aortic dissection complicated by visceral or peripheral malperfusion.** *The Journal of thoracic and cardiovascular surgery*
Chiu, P., Tsou, S., Goldstone, A. B., Louie, M., Woo, Y. J., Fischbein, M. P.
2018
 - **Novel role of NANOG in smooth muscle cell phenotypic modulation during aortic dissections** *JOURNAL OF THORACIC AND CARDIOVASCULAR SURGERY*
Shahbazi, M., Fischbein, M.
2017; 154 (5): 1522-23

- **Impact of Discordant Views in the Management of Descending Thoracic Aortic Aneurysm** *SEMINARS IN THORACIC AND CARDIOVASCULAR SURGERY*
Chiu, P., Sailer, A., Baiocchi, M., Goldstone, A. B., Schaffer, J. M., Trojan, J., Fleischmann, D., Mitchell, R., Miller, D., Dake, M. D., Woo, Y., Lee, J. T., Fischbein, et al
2017; 29 (3): 283–91
- **Dynamic changes in aortic impedance after transcatheter aortic valve replacement and its impact on exploratory outcome.** *international journal of cardiovascular imaging*
Kobayashi, Y., Kim, J. B., Moneghetti, K. J., Kobayashi, Y., Zhang, R., Brenner, D. A., O'Malley, R., Schnittger, I., Fischbein, M., Miller, D. C., Yeung, A. C., Liang, D., Haddad, et al
2017
- **Gene expression profiling of acute type A aortic dissection combined with in vitro assessment†.** *European journal of cardio-thoracic surgery*
Kimura, N., Futamura, K., Arakawa, M., Okada, N., Emrich, F., Okamura, H., Sato, T., Shudo, Y., Koyano, T. K., Yamaguchi, A., Adachi, H., Matsuda, A., Kawahito, et al
2017
- **Long-term miR-29b suppression reduces aneurysm formation in a Marfan mouse model.** *Physiological reports*
Okamura, H., Emrich, F., Trojan, J., Chiu, P., Dalal, A. R., Arakawa, M., Sato, T., Penov, K., Koyano, T., Pedroza, A., Connolly, A. J., Rabinovitch, M., Alvira, et al
2017; 5 (8)
- **Computed Tomography Imaging Features in Acute Uncomplicated Stanford Type-B Aortic Dissection Predict Late Adverse Events** *CIRCULATION-CARDIOVASCULAR IMAGING*
Sailer, A. M., Van Kuijk, S. M., Nelemans, P. J., Chin, A. S., Kino, A., Huininga, M., Schmidt, J., Mistelbauer, G., Baeumlner, K., Chiu, P., Fischbein, M. P., Dake, M. D., Miller, et al
2017; 10 (4)
- **THE INFLAMMASOME PATHWAY IS ASSOCIATED WITH ADVERSE VENTRICULAR REMODELING FOLLOWING TRANSCATHETER AORTIC VALVE REPLACEMENT**
Kim, J., Kobayashi, Y., Kouznetsova, T., Moneghetti, K., Brenner, D., O'Malley, R., Dao, C., Schnittger, I., Liang, D., Wu, J., Fischbein, M., Lee, A., Miller, et al
ELSEVIER SCIENCE INC.2017: 1040
- **Mechanical or Biologic Prostheses for Aortic-Valve and Mitral-Valve Replacement.** *The New England journal of medicine*
Goldstone, A. B., Chiu, P., Baiocchi, M., Lingala, B., Patrick, W. L., Fischbein, M. P., Woo, Y. J.
2017; 377 (19): 1847–57
- **Prognostic significance of early aortic remodeling in acute uncomplicated type B aortic dissection and intramural hematoma.** *The Journal of thoracic and cardiovascular surgery*
Sailer, A. M., Nelemans, P. J., Hastie, T. J., Chin, A. S., Huininga, M., Chiu, P., Fischbein, M. P., Dake, M. D., Miller, D. C., Schurink, G. W., Fleischmann, D.
2017; 154 (4): 1192–1200
- **GDF-15 (Growth Differentiation Factor 15) Is Associated With Lack of Ventricular Recovery and Mortality After Transcatheter Aortic Valve Replacement.** *Circulation. Cardiovascular interventions*
Kim, J. B., Kobayashi, Y., Moneghetti, K. J., Brenner, D. A., O'Malley, R., Schnittger, I., Wu, J. C., Murtagh, G., Beshiri, A., Fischbein, M., Miller, D. C., Liang, D., Yeung, et al
2017; 10 (12)
- **Limited root repair in acute type A aortic dissection is safe but results in increased risk of reoperation.** *The Journal of thoracic and cardiovascular surgery*
Chiu, P., Trojan, J., Tsou, S., Goldstone, A. B., Woo, Y. J., Fischbein, M. P.
2017
- **Baseline growth differentiation factor 15 (GDF15) is an independent predictor of reverse left atrial remodeling and mortality at 1-year following Transcatheter Aortic Valve Replacement**
Kim, J., Kobayashi, Y., Brenner, D., Moneghetti, K., O'Malley, R., Dao, C., Vu, T., Schnittger, I., Liang, D., Wu, J., Fischbein, M., Lee, A., Miller, et al
ELSEVIER SCIENCE INC.2016: B298
- **Branched Endovascular Therapy of the Distal Aortic Arch: Preliminary Results of the Feasibility Multicenter Trial of the Gore Thoracic Branch Endoprosthesis.** *Annals of thoracic surgery*
Patel, H. J., Dake, M. D., Bavaria, J. E., Singh, M. J., Filinger, M., Fischbein, M. P., Williams, D. M., Matsumura, J. S., Oderich, G.
2016; 102 (4): 1190–1198

- **Surgical Unroofing of Hemodynamically Significant Left Anterior Descending Myocardial Bridges.** *Annals of thoracic surgery*
Boyd, J. H., Pargaonkar, V. S., Scoville, D. H., Rogers, I. S., Kimura, T., Tanaka, S., Yamada, R., Fischbein, M. P., Tremmel, J. A., Mitchell, R. S., Schnittger, I.
2016
- **Dual-Modality Activity-Based Probes as Molecular Imaging Agents for Vascular Inflammation** *JOURNAL OF NUCLEAR MEDICINE*
Withana, N. P., Saito, T., Ma, X., Garland, M., Liu, C., Kosuge, H., Amsallem, M., Verdoes, M., Ofori, L. O., Fischbein, M., Arakawa, M., Cheng, Z., McConnell, et al
2016; 57 (10): 1583-1590
- **Giant saphenous vein graft aneurysm compressing the lingular bronchus.** *journal of thoracic and cardiovascular surgery*
Chiu, P., Palmon, I., Fischbein, M. P.
2016
- **Salvage Extracorporeal Membrane Oxygenation Prior to "Bridge" Transcatheter Aortic Valve Replacement.** *Journal of cardiac surgery*
Chiu, P., Fearon, W. F., Raleigh, L. A., Burdon, G., Rao, V., Boyd, J. H., Yeung, A. C., Miller, D. C., Fischbein, M. P.
2016; 31 (6): 403-405
- **Transcatheter or Surgical Aortic-Valve Replacement in Intermediate-Risk Patients** *NEW ENGLAND JOURNAL OF MEDICINE*
Leon, M. B., Smith, C. R., Mack, M. J., Makkar, R. R., Svensson, L. G., Kodali, S. K., Thourani, V. H., Tuzcu, E. M., Miller, D. C., Herrmann, H. C., Doshi, D., Cohen, D. J., Pichard, et al
2016; 374 (17): 1609-1620
- **Midterm Outcomes of Open Descending Thoracic Aortic Repair in More Than 5,000 Medicare Patients** *ANNALS OF THORACIC SURGERY*
Schaffer, J. M., Lingala, B., Fischbein, M. P., Dake, M. D., Woo, Y. J., Mitchell, R. S., Miller, D. C.
2015; 100 (6): 2087-2094
- **Poorer Left Ventricular Global Longitudinal Strain and Less Tricuspid Regurgitation Predicts Improvement in Left Ventricular Function Following Transcatheter Aortic Valve Replacement**
Kim, J. B., Brenner, D., Kobayashi, Y., O'Malley, R., Kobayashi, Y., Dao, C., Thu Vu, Yeung, A., Miller, D., Fischbein, M., Wu, J. C., Haddad, F., Fearon, W. F.
ELSEVIER SCIENCE INC.2015: B263–B264
- **The relative performance characteristics of the logistic European System for Cardiac Operative Risk Evaluation score and the Society of Thoracic Surgeons score in the Placement of Aortic Transcatheter Valves trial.** *journal of thoracic and cardiovascular surgery*
Beohar, N., Whisenant, B., Kirtane, A. J., Leon, M. B., Tuzcu, E. M., Makkar, R., Svensson, L. G., Miller, D. C., Smith, C. R., Pichard, A. D., Herrmann, H. C., Thourani, V. H., Szeto, et al
2014; 148 (6): 2830-7 e1
- **The relative performance characteristics of the logistic European System for Cardiac Operative Risk Evaluation score and the Society of Thoracic Surgeons score in the Placement of Aortic Transcatheter Valves trial** *JOURNAL OF THORACIC AND CARDIOVASCULAR SURGERY*
Beohar, N., Whisenant, B., Kirtane, A. J., Leon, M. B., Tuzcu, E. M., Makkar, R., Svensson, L. G., Miller, D. C., Smith, C. R., Pichard, A. D., Herrmann, H. C., Thourani, V. H., Szeto, et al
2014; 148 (6): 2830-U1495
- **Outcomes After Transfemoral Transcatheter Aortic Valve Replacement A Comparison of the Randomized PARTNER (Placement of AoRTic TraNscathetER Valves) Trial With the NRCA (Nonrandomized Continued Access) Registry** *JACC-CARDIOVASCULAR INTERVENTIONS*
Fearon, W. F., Kodali, S., Doshi, D., Fischbein, M. P., Yeung, A. C., Tuzcu, E. M., Rihal, C. S., Babaliaros, V., Zajarias, A., Herrmann, H. C., Brown, D. L., Mack, M., Teirstein, et al
2014; 7 (11): 1245-1251
- **Outcomes after transfemoral transcatheter aortic valve replacement: a comparison of the randomized PARTNER (Placement of AoRTic TraNscathetER Valves) trial with the NRCA (Nonrandomized Continued Access) registry.** *JACC. Cardiovascular interventions*
Fearon, W. F., Kodali, S., Doshi, D., Fischbein, M. P., Yeung, A. C., Tuzcu, E. M., Rihal, C. S., Babaliaros, V., Zajarias, A., Herrmann, H. C., Brown, D. L., Mack, M., Teirstein, et al
2014; 7 (11): 1245-1251
- **Tirone David procedure for bicuspid aortic valve disease: impact of root geometry and valve type on mid-term outcomes†.** *Interactive cardiovascular and thoracic surgery*
Kari, F. A., Kvitting, J. E., Stephens, E. H., Liang, D. H., Merk, D. R., Fischbein, M. P., Mitchell, R. S., Miller, D. C.
2014; 19 (3): 375-381
- **SINGLE-CENTER ACUTE AORTIC SYNDROME REGISTRY: A 10-YEAR EXPERIENCE OF "CLASS 3" LIMITED DISSECTION OF THE AORTA**

- Chin, A. S., Kino, A., Berry, G., Rosenberg, J., Fischbein, M., Miller, D., Fleischmann, D.
ELSEVIER SCIENCE INC.2014: A1000
- **Open aortic valve replacement in a patient with Glanzmann's thrombasthenia: a multidisciplinary strategy to minimize perioperative bleeding.** *Transfusion*
Sheikh, A. Y., Hill, C. C., Goodnough, L. T., Leung, L. L., Fischbein, M. P.
2014; 54 (2): 300-305
 - **Incidence and progression of mild aortic regurgitation after Tirone David reimplantation valve-sparing aortic root replacement** *JOURNAL OF THORACIC AND CARDIOVASCULAR SURGERY*
Stephens, E. H., Liang, D. H., Kvitting, J. E., Kari, F. A., Fischbein, M. P., Mitchell, R. S., Miller, D. C.
2014; 147 (1): 169-?
 - **Aortic wall thickness: an independent risk factor for aortic dissection?** *journal of heart valve disease*
Shiran, H., Odegaard, J., Berry, G., Miller, D. C., Fischbein, M., Liang, D.
2014; 23 (1): 17-24
 - **Long-term microRNA-29b Suppression Prevents Aneurysm Development in Marfan Syndrome Model Mouse**
Okamura, H., Emrich, F., Dalal, A., Connolly, A., Fischbein, M.
LIPPINCOTT WILLIAMS & WILKINS.2013
 - **Apoptosis Participates in Early Aneurysm Development via ECM Remodeling in Marfan Syndrome**
Emrich, F. C., Okamura, H., Dalal, A. R., Merk, D. R., Raaz, U., Hennigs, J. K., Chin, J. T., Miller, M. O., Blankenberg, F. G., Connolly, A. J., Alvira, C. M., Mohr, F. W., Robbins, et al
LIPPINCOTT WILLIAMS & WILKINS.2013
 - **Left Ventricular Ejection Fraction Improves Less after Trans-Apical Transcatheter Aortic Valve Replacement Compared to a Trans-Femoral Approach**
Fearon, W. F., Elmariah, S., McAndrew, T., Vlahakes, G. J., Fischbein, M., Liang, D., Kodali, S., Leon, M., Svensson, L., Pibarot, P., Douglas, P., Passeri, J. J., Dewey, et al
ELSEVIER SCIENCE INC.2013: B36
 - **A common rejection module (CRM) for acute rejection across multiple organs identifies novel therapeutics for organ transplantation.** *journal of experimental medicine*
Khatri, P., Roedder, S., Kimura, N., De Vusser, K., Morgan, A. A., Gong, Y., Fischbein, M. P., Robbins, R. C., Naesens, M., Butte, A. J., Sarwal, M. M.
2013; 210 (11): 2205-2221
 - **Tirone David valve-sparing aortic root replacement and cusp repair for bicuspid aortic valve disease** *JOURNAL OF THORACIC AND CARDIOVASCULAR SURGERY*
Kari, F. A., Liang, D. H., Kvitting, J. E., Stephens, E. H., Mitchell, R. S., Fischbein, M. P., Miller, D. C.
2013; 145 (3): S35-?
 - **David valve-sparing aortic root replacement: Equivalent mid-term outcome for different valve types with or without connective tissue disorder** *JOURNAL OF THORACIC AND CARDIOVASCULAR SURGERY*
Kvitting, J. E., Kari, F. A., Fischbein, M. P., Liang, D. H., Beraud, A., Stephens, E. H., Mitchell, R. S., Miller, D. C.
2013; 145 (1): 117-?
 - **Bicuspid aortic valve configuration and aortopathy pattern might represent different pathophysiologic substrates** *JOURNAL OF THORACIC AND CARDIOVASCULAR SURGERY*
Kari, F. A., Fazel, S. S., Mitchell, R. S., Fischbein, M. P., Miller, D. C.
2012; 144 (2): 516-517
 - **Potential Role of gamma delta T Cell-Derived IL-17 in Acute Cardiac Allograft Rejection** *ANNALS OF THORACIC SURGERY*
Kimura, N., Nakae, S., Itoh, S., Merk, D. R., Wang, X., Gong, Y., Okamura, H., Chang, P. A., Adachi, H., Robbins, R. C., Fischbein, M. P.
2012; 94 (2): 542-548
 - **Two-Year Outcomes after Transcatheter or Surgical Aortic-Valve Replacement** *NEW ENGLAND JOURNAL OF MEDICINE*
Kodali, S. K., Williams, M. R., Smith, C. R., Svensson, L. G., Webb, J. G., Makkar, R. R., Fontana, G. P., Dewey, T. M., Thourani, V. H., Pichard, A. D., Fischbein, M., Szeto, W. Y., Lim, et al
2012; 366 (18): 1686-1695
 - **AORTIC WALL THICKNESS MAY BE AN INDEPENDENT RISK FACTOR FOR AORTIC DISSECTION** *61st Annual Scientific Session and Expo of the American-College-of-Cardiology (ACC)/Conference on ACC-i2 with TCT*

- Shiran, H., Odegaard, J., Berry, G., Miller, D. C., Fischbein, M., Liang, D.
ELSEVIER SCIENCE INC.2012: E831–E831
- **COMPUTED TOMOGRAPHY BASED PREDICTION OF ANGIOGRAPHIC DEPLOYMENT ANGLES MAY REDUCE PROCEDURE TIME AND CONTRAST MEDIUM VOLUME FOR TRANSCATHETER AORTIC VALVE REPLACEMENT** *61st Annual Scientific Session and Expo of the American-College-of-Cardiology (ACC)/Conference on ACC-i2 with TCT*
Fleischmann, D., Dao, C., Blake, T., Boas, F. E., Liang, D., Yeung, A., Fearon, W., Fischbein, M., Miller, D. C.
ELSEVIER SCIENCE INC.2012: E1199–E1199
 - **ACCURACY AND REPRODUCIBILITY OF CONTRAST ENHANCED AND NON-ENHANCED COMPUTED TOMOGRAPHY FOR PREDICTING THE ANGIOGRAPHIC DEPLOYMENT ANGLE IN TRANSCATHETER AORTIC VALVE REPLACEMENT (TAVR)** *61st Annual Scientific Session and Expo of the American-College-of-Cardiology (ACC)/Conference on ACC-i2 with TCT*
Dao, C. N., Blake, T., Liang, D., Fischbein, M. P., Yeung, A., Fearon, W., Miller, D. C., Fleischmann, D.
ELSEVIER SCIENCE INC.2012: E1195–E1195
 - **Molecular Imaging of Bone Marrow Mononuclear Cell Survival and Homing in Murine Peripheral Artery Disease** *JACC-CARDIOVASCULAR IMAGING*
van der Bogt, K. E., Hellingman, A. A., Lijkwan, M. A., Bos, E., de Vries, M. R., van Rappard, J. R., Fischbein, M. P., Quax, P. H., Robbins, R. C., Hamming, J. F., Wu, J. C.
2012; 5 (1): 46-55
 - **In Vivo Functional and Transcriptional Profiling of Bone Marrow Stem Cells After Transplantation Into Ischemic Myocardium** *ARTERIOSCLEROSIS THROMBOSIS AND VASCULAR BIOLOGY*
Sheikh, A. Y., Huber, B. C., Narsinh, K. H., Spin, J. M., van der Bogt, K., de Almeida, P. E., Ransohoff, K. J., Kraft, D. L., Fajardo, G., Ardigo, D., Ransohoff, J., Bernstein, D., Fischbein, et al
2012; 32 (1): 92-102
 - **Interleukin-16 deficiency suppresses the development of chronic rejection in murine cardiac transplantation model** *JOURNAL OF HEART AND LUNG TRANSPLANTATION*
Kimura, N., Itoh, S., Nakae, S., Axtell, R. C., Velotta, J. B., Bos, E. J., Merk, D. R., Gong, Y., Okamura, H., Nagamine, C. M., Adachi, H., Kornfeld, H., Robbins, et al
2011; 30 (12): 1409-1417
 - **A novel cardioprotective agent in cardiac transplantation: metformin activation of AMP-activated protein kinase decreases acute ischemia-reperfusion injury and chronic rejection.** *Yale journal of biology and medicine*
Chin, J. T., Troke, J. J., Kimura, N., Itoh, S., Wang, X., Palmer, O. P., Robbins, R. C., Fischbein, M. P.
2011; 84 (4): 423-432
 - **Interleukin-17 Accelerates Allograft Rejection by Suppressing Regulatory T Cell Expansion** *Annual Meeting of the American-Heart-Association*
Itoh, S., Kimura, N., Axtell, R. C., Velotta, J. B., Gong, Y., Wang, X., Kajiwara, N., Nambu, A., Shimura, E., Adachi, H., Iwakura, Y., Saito, H., Okumura, et al
LIPPINCOTT WILLIAMS & WILKINS.2011: S187–S196
 - **Prevention of transplant coronary artery disease by prenylation inhibitors** *JOURNAL OF HEART AND LUNG TRANSPLANTATION*
Stein, W., Schrepfer, S., Itoh, S., Kimura, N., Velotta, J., Palmer, O., Bartos, J., Wang, X., Robbins, R. C., Fischbein, M. P.
2011; 30 (7): 761-769
 - **alpha B-Crystallin Improves Murine Cardiac Function and Attenuates Apoptosis in Human Endothelial Cells Exposed to Ischemia-Reperfusion** *ANNALS OF THORACIC SURGERY*
Velotta, J. B., Kimura, N., Chang, S. H., Chung, J., Itoh, S., Rothbard, J., Yang, P. C., Steinman, L., Robbins, R. C., Fischbein, M. P.
2011; 91 (6): 1907-1913
 - **RevaTen platelet-rich plasma improves cardiac function after myocardial injury.** *Cardiovascular revascularization medicine : including molecular interventions*
Mishra, A., Velotta, J., Brinton, T. J., Wang, X., Chang, S., Palmer, O., Sheikh, A., Chung, J., Yang, P. C., Robbins, R., Fischbein, M.
2011; 12 (3): 158-163
 - **"Peninsula- Style" Transverse Aortic Arch Replacement in Patients With Bicuspid Aortic Valve** *ANNALS OF THORACIC SURGERY*
Itoh, A., Fischbein, M., Arata, K., Miller, D. C.
2010; 90 (4): 1369-1371
 - **Micro-CT for Characterization of Murine CV Disease Models** *JACC-CARDIOVASCULAR IMAGING*
Sheikh, A. Y., van der Bogt, K. E., Doyle, T. C., Sheikh, M. K., Ransohoff, K. J., Ali, Z. A., Palmer, O. P., Robbins, R. C., Fischbein, M. P., Wu, J. C.

2010; 3 (7): 783-785

- **THE RESUSCITATED NHBD HEART IS FUNCTIONALLY SUPERIOR TO THE BRAINSTEM DEAD DONOR HEART**
Ali, A., Fajardo, G., Tsuda, S., Budas, G., Ali, Z., Quertermous, T., Bernstein, D., Robbins, R., Fischbein, M., Large, S., Ashley, E.
WILEY-BLACKWELL.2010: 7
- **The role of recipient mast cells in acute and chronic cardiac allograft rejection in C57BL/6-KitW-sh/W-sh mice** *JOURNAL OF HEART AND LUNG TRANSPLANTATION*
Itoh, S., Nakae, S., Velotta, J. B., Kosuge, H., Connolly, A., Tsai, M., Adachi, H., Galli, S. J., Robbins, R. C., Fischbein, M. P.
2010; 29 (4): 401-409
- **IL-17 Contributes to the Development of Chronic Rejection in a Murine Heart Transplant Model** *JOURNAL OF CLINICAL IMMUNOLOGY*
Itoh, S., Nakae, S., Axtell, R. C., Velotta, J. B., Kimura, N., Kajiwara, N., Iwakura, Y., Saito, H., Adachi, H., Steinman, L., Robbins, R. C., Fischbein, M. P.
2010; 30 (2): 235-240
- **Molecular Imaging of Bone Marrow Mononuclear Cell Survival and Homing in Murine Peripheral Artery Occlusive Disease**
Van Der Bogt, K. E., Hellingman, A. A., Lijkwan, M. A., Bos, E. J., de Vries, M. R., Fischbein, M. P., Quax, P. H., Robbins, R. C., Hamming, J. F., Wu, J. C.
LIPPINCOTT WILLIAMS & WILKINS.2009: S1131
- **Exogenous aB-crystallin Improves Myocardial Function and Attenuates Apoptosis in Ischemia-Reperfusion Injury** *82nd National Conference and Exhibitions and Scientific Sessions of the American-Heart-Association*
Chang, S. H., Velotta, J. B., Chung, J., Itoh, S., Rothbard, J. B., Yang, P. C., Steinman, L., Robbins, R. C., Fischbein, M. P.
LIPPINCOTT WILLIAMS & WILKINS.2009: S998-S998
- **Metformin as a Cardioprotective Agent in Heart Transplantation Decreases Ischemia-Reperfusion Injury and Chronic Rejection**
Troke, J. J., Itoh, S., Kimura, N., Velotta, J. B., Yoshioka, H., Niizuma, K., Chan, P., Robbins, R. C., Fischbein, M. P.
LIPPINCOTT WILLIAMS & WILKINS.2009: S796
- **THE RESUSCITATED DECEASED DONOR HEART IS FUNCTIONALLY SUPERIOR TO THE BRAINSTEM DEAD DONOR HEART**
Ali, A. A., Fajardo, G., Tsuda, S., Budas, G., Ali, Z., Quertermous, T., Bernstein, D., Tsui, S., Robbins, R., Fischbein, M., Large, S., Ashley, E.
WILEY-BLACKWELL PUBLISHING, INC.2009: 138
- **Long-Term Durability of Open Thoracic and Thoracoabdominal Aneurysm Repair** *SEMINARS IN VASCULAR SURGERY*
Fischbein, M. P., Miller, D. C.
2009; 22 (2): 74-80
- **The Effects of Ischemia-Reperfusion Injury on Bcl-2**
Stein, W., Bartos, J., Schrepfer, S., Hoyt, G., Robbins, R. C., Fischbein, M.
LIPPINCOTT WILLIAMS & WILKINS.2008: S707
- **Prevention of Dilated Cardiomyopathy with Nitroxides**
Stein, W., Bartos, J., Carre, A., Yamada, M., Schrepfer, S., Robbins, R., Fischbein, M.
LIPPINCOTT WILLIAMS & WILKINS.2008: S497
- **Comparison of different adult stem cell types for treatment of myocardial ischemia** *80th Annual Scientific Session of the American-Heart-Association (AHA)*
van der Bogt, K. E., Sheikh, A. Y., Schrepfer, S., Hoyt, G., Cao, F., Ransohoff, K. J., Swijnenburg, R., Pearl, J., Lee, A., Fischbein, M., Contag, C. H., Robbins, R. C., Wu, et al
LIPPINCOTT WILLIAMS & WILKINS.2008: S121-U166
- **Regenerative cellular therapy: How to enrich the mesenchymal stem cell content in the perinfarction zone after myocardial infarction**
Schrepfer, S., Deuse, T., Stein, W., Reichenspurner, H., Fischbein, M. P., Robbins, R. C., Pelletier, M. P.
LIPPINCOTT WILLIAMS & WILKINS.2007: 202
- **Effect of inhaled tacrolimus on cellular and humoral rejection to prevent posttransplant obliterative airway disease** *AMERICAN JOURNAL OF TRANSPLANTATION*
Schrepfer, S., Deuse, T., Reichenspurner, H., Hoffmann, J., Haddad, M., Fink, J., Fischbein, M. P., Robbins, R. C., Pelletier, M. P.
2007; 7 (7): 1733-1742
- **Techniques for experimental heterotopic and orthotopic tracheal transplantations - When to use which model?** *TRANSPLANT IMMUNOLOGY*
Deuse, T., Schrepfer, S., Reichenspurner, H., Hoyt, G., Fischbein, M. P., Robbins, R. C., Pelletier, M. P.
2007; 17 (4): 255-261

- **Stem cell transplantation: Organ distribution after intravenous injection.**
Schrepfer, S., Deuse, T., Reichenspurner, H., Fischbein, M. P., Robbins, R. C., Pelletier, M. P.
BLACKWELL PUBLISHING.2007: 516–17
- **Stem cell transplantation: The lung barrier** *23rd Congress of the Brazilian-Society- Nephrology*
Schrepfer, S., Deuse, T., Reichenspurner, H., Fischbein, M. P., Robbins, R. C., Pelletier, M. P.
ELSEVIER SCIENCE INC.2007: 573–76
- **Is the malononitrilamide FK778 better for the prevention of acute or chronic rejection?** *23rd Congress of the Brazilian-Society- Nephrology*
Deuse, T., Schrepfer, S., Pelletier, M. P., Fischbein, M. P., Robbins, R. C., Reichenspurner, H.
ELSEVIER SCIENCE INC.2007: 569–72