



Martin Cadeiras, M.D.

Philosophy of Care

Coinciding with the mission of the Department of Internal Medicine and the Division of Cardiovascular Disease, my goal is to provide excellence in clinical care, research and education, and to deliver high-quality medical care with commitment to leading-edge research and the highest-quality physician training.

Clinical Interests

Dr. Martin Cadeiras is a heart failure and heart transplant cardiologist offering care for patients with advanced and rare heart diseases, including heart failure with reduced ejection fraction (HFREF), heart failure with preserved ejection fraction (HFPEF), cardiomyopathies, pulmonary hypertension, heart transplantation and mechanical circulatory support.

He has special interest in the emerging field of precision medicine and the use of technology to improve health care access and delivery.

Research/Academic Interests

Recognizing that groundbreaking science relies on interdisciplinary collaboration, our research initiatives create innovative approaches to patient care by bringing together medicine, science, and technology. Together with biologists, engineers, mathematicians, and computer scientists, we create novel solutions to address the complex issues we face in advanced heart failure, heart transplantation, and mechanical circulatory support therapies.

In the Complex Care Laboratory, we use advanced computational, molecular, and sensor technologies to help us understand the molecular biology of advanced heart diseases and help us create decision-support systems for clinical care, to provide personalized treatments for heart failure as well as system-wide interventions to address root causes.

Title

Medical Director: Heart Failure, Heart Transplantation and Mechanical Circulatory Support Program
Associate Professor

Specialty

[Cardiology](#), [Cardiovascular Medicine](#), Heart Failure, Heart Transplantation, Mechanical Circulatory Support, Pulmonary Hypertension

Department

[UC Davis Medical Group](#)
[Internal Medicine](#)

Division

Cardiovascular Medicine

Center/Program Affiliation

[Transplant Center](#)
[Center for Health and Technology](#)

Address/Phone

Lawrence J. Ellison Ambulatory Care Center, 4860 Y St. Sacramento, CA 95817

Additional Phone

Fax: 916-734-6474
Clinic Phone: 916-734-3761



Martin Cadeiras, M.D.

Department Referral Phone: 916-291-8806

Physician Referrals: 800-4-UCDAVIS (800-482-3284)

Email mcadeiras@ucdavis.edu

Languages English, Spanish

Education M.D., Favaloro University, Buenos Aires, Argentina, 1998

Internships General Medicine, Favaloro University, Buenos Aires, Argentina, 1998

Residency Medicine/Cardiovascular, Favaloro University, Buenos Aires, Argentina, 1999-2002

Fellowships Cardiac Transplantation Research, Columbia University, New York, 2004-2007
Advanced Heart Failure/Cardiac Transplantation, Columbia University, New York, 2007-2008
Advanced Heart Failure/Cardiac Transplantation, Favaloro University, Buenos Aires, Argentina, 2002-2004

Board Certifications Foreign Board, Cardiovascular Disease

Professional Memberships American Heart Association
Heart Failure Society of America
International Society for Heart and Lung Transplantation

Honors and Awards Columbia University Southworth Lectureship, Fellow Research Award, 2006
American Transplant Congress Young Investigator Award, 2007
Oral Poster Award NIH 5th Symposium Functional Genomics of Critical Illness and Injury, 2007
University of Alabama at Birmingham Faculty Development Research Award, 2010
UCLA Department of Medicine Research Day Poster Award, 2013
UCLA Exceptional Physician Award nominee, 2014

Select Recent Publications Yoon J, Zame WR, Banerjee A, Cadeiras M, Alaa AM and van der Schaar M. Personalized survival predictions via Trees of Predictors: An application to cardiac transplantation. PLoS One. 2018;13:e0194985.

Bakir M, Jackson NJ, Han SX, Bui A, Chang E, Liem DA, Ardehali A, Ardehali R, Baas AS, Press MC, Cruz D, Deng MC, DePasquale EC, Fonarow GC, Khuu T, Kwon MH, Kubak BM, Nsair A, Phung JL, Reed EF, Schaenman JM, Shemin RJ, Zhang QJ, Tseng CH and Cadeiras M. Clinical phenomapping and outcomes after heart transplantation. J Heart Lung Transplant. 2018;37:956-



Martin Cadeiras, M.D.

966.

Wisniewski N, Bondar G, Rau C, Chittoor J, Chang E, Esmaili A, Cadeiras M and Deng M. Integrative model of leukocyte genomics and organ dysfunction in heart failure patients requiring mechanical circulatory support: a prospective observational study. *BMC Med Genomics*. 2017;10:52.

Liem DA, Nsair A, Setty SP, Cadeiras M, Wang D, Maclellan R, Lotz C, Lin AJ, Tabaraki J, Li H, Ge J, Odeberg J, Ponten F, Larson E, Mulder J, Lundberg E, Weiss JN, Uhlen M, Ping P and Deng MC. Molecular- and organelle-based predictive paradigm underlying recovery by left ventricular assist device support. *Circ Heart Fail*. 2014;7:359-66.

Tallaj JA and Cadeiras M. Mechanical rescue of the heart in shock. *J Am Coll Cardiol*. 2011;57:697-9.

Shahzad K, Aziz QA, Leva JP, Cadeiras M, Ho EK, Vlad G, Vasilescu ER, Latif F, Sinha A, Burke E, Addonizio LJ, Restaino SW, Marboe CC, Suciufoca N, Naka Y, Mancini D and Deng MC. New-onset graft dysfunction after heart transplantation--incidence and mechanism-related outcomes. *J Heart Lung Transplant*. 2011;30:194-203.

Cadeiras M, von Bayern M, Sinha A, Shahzad K, Latif F, Lim WK, Grenett H, Tabak E, Klingler T, Califano A and Deng MC. Drawing networks of rejection - a systems biological approach to the identification of candidate genes in heart transplantation. *J Cell Mol Med*. 2011;15:949-56.

Cadeiras M, Nagaraj H, Kirklin JK, Holman WL, Pamboukian SV and Misra VK. Use of a vascular plug to percutaneously occlude the outflow conduit of a dysfunctional left ventricular assist device. *J Heart Lung Transplant*. 2011;30:733-4.



Martin Cadeiras, M.D.

Shahzad K, Cadeiras M, Memon S, Zeeberg B, Klingler T, Sinha A, Tabak EG, Unniachan S and Deng MC. Gene Expression Signatures of Peripheral Blood Mononuclear Cells during the Early Post-Transplant Period in Patients Developing Cardiac Allograft Vasculopathy. J Transplant. 2010; 2010:719696.

Cadeiras M, Burke E, Dedrick R, Gangadin A, Latif F, Shahzad K, Sinha A, Tabak EG, Marboe CC, Califano AC and Deng MC. Gene expression profiles of patients with antibody-mediated rejection after cardiac transplantation. J Heart Lung Transplant. 2008;27:932-4.

© 2022 UC Regents