



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 Health Services Associate Clinical Professor - HCOMP

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

Department [Internal Medicine](#)

Division Cardiovascular Medicine

Center/Program Affiliation [Transplant Center](#)
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Martin Cadeiras, M.D.

Languages	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 NY 2004-2007 Advanced Heart Failure/Cardiac Transplantation, Columbia University, New York NY 2007-2008 Advanced Heart Failure/Cardiac Transplantation, Favaloro University, Buenos Aires, Argentina 2002-2004
Board Certifications	Foreign Board, Cardiovascular Disease State of California, Physician and Surgeon
Professional Memberships	American Heart Association Heart Failure Society of America International Society for Heart and Lung Transplantation
Honors and Awards	UCLA Exceptional Physician Award nominee, 2014 UCLA Department of Medicine Research Day Poster Award, 2013 University of Alabama at Birmingham Faculty Development Research Award, 2010 Oral Poster Award NIH 5th Symposium Functional Genomics of Critical Illness and Injury, 2007 American Transplant Congress Young Investigator Award, 2007
Select Recent Publications	To see a full list of Dr. Cadeiras' publications, please click here .

Alelign Y, Cadeiras M, Gibson M, Rosenberg A, Ebong I. Hypertropic cardiomyopathy and cardiac amyloidosis-double jeopardy or just a phenocopy. *J Am Coll Cardiol.* 2021 May;77(18_Supplement_1):1960.

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Khachatoorian Y, Khachadourian V, Chang E, Sernas ER, Reed EF, Deng M, Piening BD, Pereira AC, Keating B, Cadeiras M. Noninvasive biomarkers for prediction and diagnosis of heart transplantation rejection. *Transplant Rev (Orlando)*. 2021 Jan;35(1):100590. doi:10.1016/j.trre.2020.100590. Epub 2020 Nov 21. PMID:33401139.

Rocha P, Pinheiro D, Cadeiras M, Bastos-Filho C. Towards automatic clustering analysis using traces of information gain: The info guide method. *AAAI Publications*. 2020 Jan 23;428-433. doi:10.48550/arXiv.2001.08677.

Romero E, Chang E, Tabak E, Pinheiro D, Tallaj J, Litovsky S, Keating B, Deng M, Cadeiras M. Rejection-associated Mitochondrial Impairment After Heart Transplantation. *Transplant Direct*. 2020 Oct 19;6(11):e616. doi:10.1097/TXD.0000000000001065. PMID:33134492.

Butler CL, Hickey MJ, Jiang N, Zheng Y, Gjertson D, Zhang Q, Rao P, Fishbein GA, Cadeiras M, Deng MC, Banchs HL, Torre G, DeNofrio D, Eisen HJ, Kobashigawa J, Starling RC, Kfoury A, Van Bakel A, Ewald G, Balazs I, Baas AS, Cruz D, Ardehali R, Biniwale R, Kwon M, Ardehali A, Nsair A, Ray B, Reed EF. Discovery of non-HLA antibodies associated with cardiac allograft rejection and development and validation of a non-HLA antigen multiplex panel: From bench to bedside. *Am J Transplant*. 2020 Oct;20(10):2768-2780. doi:10.1111/ajt.15863. Epub 2020 Apr 26. PMID:32185871.

Murphy MD, Pinheiro D, Iyengar R, Lim G, Menezes R, Cadeiras M. A Data-Driven Social Network Intervention for Improving Organ Donation Awareness Among Minorities: Analysis and Optimization of a Cross-Sectional Study. *J Med Internet Research*. 2020;22(1):e14605.

Parkes MD, Aliabadi AZ, Cadeiras M, Crespo-Leiro MG, Deng M, Depasquale EC, Goekler J, Kim DH, Kobashigawa J, Loupy A, Macdonald P, Potena L, Zuckermann A, Halloran PF. An integrated molecular diagnostic report for heart transplant biopsies using an ensemble of diagnostic algorithms. *J Heart Lung Transplant*. 2019 Jun;38(6):636-646. doi:10.1016/j.healun.2019.01.1318. Epub 2019 Feb 6. PMID:30795962.



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Yoon J, Zame WR, Banerjee A, Cadeiras M, Alaa AM, van der Schaar M. Personalized survival predictions via Trees of Predictors: An application to cardiac transplantation. PLoS One. 2018 Mar 28;13(3):e0194985. doi:10.1371/journal.pone.0194985. PMID:29590219.

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, Cadeiras M. Clinical phenomapping and outcomes after heart transplantation. J Heart Lung Transplant. 2018 Aug;37(8):956-966. doi:10.1016/j.healun.2018.03.006. Epub 2018 Mar 22. PMID:29802085.

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