

Javier Lopez, M.D.

Clinical Interests	Javier E. Lopez is interested in studying how soluble factors may regulate the transition of cardiac myocytes from regeneration during fetal growth to hypertrophic growth postnatally. It is postulated that the lack of cardiac regeneration in the postnatal heart confounds the myocyte dysfunction, cell death and tissue fibrosis that is associated with decompensated heart failure. Our global hypothesis is that by manipulating the cardiac gene program of the failing heart with soluble factors (drugs), we may augment endogenous and/or transplanted cardiac myocyte regeneration to ameliorate the progression of left and/or right ventricular failure. My laboratory focus is in studying the fundamental mechanisms of this growth transition to enhance the translational efficacy of soluble factors (drugs) and cell-based strategies (stem-cells) for cardiac regeneration in the failing heart.
Title	Assistant Adjunct Professor
Specialty	<u>Cardiology</u> , <u>Cardiovascular Medicine</u> , Internal Medicine
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Education	M.D., Temple University School of Medicine, Philadelphia, Pennsylvania, 1999
Internships	University of Texas Southwestern, Parkland Hospital, Dallas, Texas, 2000





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Residency	University of Texas Southwestern, Parkland Hospital, Dallas, Texas, 2002
Fellowships	UC Davis, Sacramento, California, 2009 UC San Francisco, San Francisco, California, 2006 UC San Francisco, San Francisco, California, 2007
Board Certifications	American Board of Internal Medicine, 2002 American Board of Internal Medicine, Cardiovascular Medicine, 2010
Professional Memberships	Alpha Omega Alpha Fellow and Scholar, Sarnoff Endowment for Cardiovascular Research Member, American Heart Association, Basic Science Council Member, International Society for Stem Cell Research
Select Recent Publications	Sirish P, Li N, Liu J, Lee K, Hwang SH, Qiu H, Ma S, L?pez JE, Hammock BD, Chiamvimonvat N: Unique Mechanistic Insights into the Beneficial Effects of Soluble Epoxide Hydrolase Inhibitors in the Prevention of Cardiac Fibrosis. Proc Natl Acad Sci U S A, 2013
	Watt C, Sirish P, Chiamvimonvat N, López JE: MicroRNAs as a window into cellular processes occurring soon after acute myocardial infarction. World Congress of Heart Disease (Abstract) 2012.
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expressing myoblasts. 2008. Experimental Cell Research. 314: 1125-1135. 2008. *co-authors listed alphabetically.

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