



Saul Schaefer, M.D.

Clinical Interests	Saul Schaefer focuses his clinical research on the efficacy of contrast-enhanced cardiac MRI to define abnormal perfusion in patients with ischemic heart disease and MRI of coronary blood flow and anatomy with intravenous adenosine. Schaefer's laboratory studies involve regulation of myocardial metabolism and ion transport during low flow and total ischemia. He also is researching use of perfused heart models of ischemic preconditioning and hibernating myocardium, coupled with nuclear magnetic resonance spectroscopy (MRS) and biochemical assays, to define adaptive mechanisms to ischemia.
Title	Chief of Cardiology at VA Medical Center in Sacramento Professor
Specialty	Cardiology , Cardiovascular Medicine , Internal Medicine
Department	Internal Medicine
Division	Cardiovascular Medicine
Center/Program Affiliation	Cardiovascular Services
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Education	M.D., UC Davis School of Medicine, Sacramento, California, 1981
Residency	University of California, San Francisco, San Francisco, California, 1981-84
Fellowships	University of Texas Southwestern Medical Center, Dallas, Texas, 1984-87
Board Certifications	American Board of Internal Medicine, 1984 American Board of Internal Medicine, Cardiovascular Disease, 1987
Professional Memberships	American College of Cardiology American Federation of Clinical Research American Heart Association American Society of Echocardiography



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Society of Magnetic Resonance in Medicine

Select Recent Publications

Phillips W, Schaefer S. LDL= 5: Virtues and Dangers of Multidrug Therapy of Low-Density Lipoprotein Cholesterol. *Journal of Preventative Cardiology*, 2010;13: 71.

Connolly SJ, Ezekowitz MD, Yusuf S, Eikelboom J, Oldgren J, Parekh A, Pogue J, Reilly PA, Themeles E, Varrone J, Wang S, Alings M, Xavier D, Zhu J, Diaz R, Lewis BS, Darius H, Diener HC, Joyner CD, Wallentin L; RE-LY Steering Committee and Investigators. [Saul Schaefer member of the Dabigatran Study Group]. Dabigatran versus warfarin in patients with atrial fibrillation. *New England Journal of Medicine*, 2009;361(12): 1139-51.

Konia M, Schaefer S, H Liu. Nuclear factor-kB inhibition provides additional protection against ischemia reperfusion injury in sevoflurane preconditioning. *European Journal of Anesthesiology*, 2009;26: 496-503.

Lopez JE, Yeo KK, Caputo G, Buonocore M, Schaefer S. Recovery of methamphetamine associated cardiomyopathy predicted by late gadolinium enhanced cardiovascular magnetic resonance. *Journal of Cardiovascular Magnetic Resonance*, 2009;11(1): 46. Publications and Contributions to Jointly Authored Works 7

Lu X, Liu H, Wang, L, Schaefer S. Activation of NF-kB is a critical element in the anti-apoptotic effect of anesthetic preconditioning. *American*

Tamse C, Lu X, Mortel E, Cabrales E, Feng W, S Schaefer. The Peripheral Benzodiazepine Receptor Modulates Ca²⁺ Transport through the VDAC in Rat Heart Mitochondria. *Journal of Clinical and Basic Cardiology*, 2008;11: 24-29.

Southard J, Baker L, S Schaefer. In Search of the False-Negative ETT -Evidence-Based Use of Exercise Echocardiography. *Clinical Cardiology*, 2007;30.

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