



## John C. Rutledge, M.D.

<b>Clinical Interests</b>	John C. Rutledge is an expert in atherosclerosis and lipid disorders. He specializes in preventive cardiology, lipid disorders and reversal of atherosclerotic cardiovascular disease. His current laboratory research includes biology of the vascular wall.
<b>Title</b>	Professor Vice Chair of Research, Internal Medicine
<b>Specialty</b>	<a href="#">Cardiology</a> , <a href="#">Cardiovascular Medicine</a> , Internal Medicine
<b>Department</b>	Internal Medicine
<b>Division</b>	Cardiovascular Medicine
<b>Center/Program Affiliation</b>	<a href="#">Cardiovascular Services</a>
<b>Address/Phone</b>	Lawrence J. Ellison Ambulatory Care Center, Cardiology Clinic, 4860 Y St. Suite 0200 Sacramento, CA 95817 <b>Phone:</b> 800-282-3284
<b>Additional Phone</b>	Physician Referrals: 916-734-5678
<b>Education</b>	M.D., Baylor College of Medicine, Houston, Texas, 1976 B.A., University of Texas, Austin, Texas, 1972
<b>Internships</b>	University of Tennessee, Memphis, Tennessee, 1976-77
<b>Residency</b>	University of California, Davis, Medical Center, Sacramento, California, 1979-81
<b>Fellowships</b>	University of California, Davis, Medical Center, Sacramento, California, 1981-83
<b>Board Certifications</b>	American Board of Internal Medicine, 1983 American Board of Internal Medicine, Cardiovascular Disease, 1985
<b>Professional Memberships</b>	American Association for the Advancement of Science American College of Cardiology, Fellow American College of Physicians American Federation of Clinical Research American Heart Association American Heart Association, Fellow, Council on Arteriosclerosis, Thrombosis & Vascular Biology



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### Honors and Awards

American Heart Association, Fellow, Council on Circulation  
American Heart Association, Fellow, Council on Clinical Cardiology  
California Heart Association  
Chair, Graduate Group in Physiology, 1998  
M.D.-Ph.D. Selection Committee, University of California, Davis, 1997  
Chairman, Peer Review Committee; American Heart Association, Western States Affiliate, 1997  
Associate Editor, Journal of Preventive Cardiovascular Medicine, 1997  
Career Development Committee, Federation of American Society of Experimental Biology, 1996  
Fellow, Council on Circulation; American Heart Association, 1996  
Research Committee; American Heart Association, Western States Affiliate, 1996  
Peer Review, National Institutes of health; Pathology A Study Section (October , 1996; June, 1997; February, 1998), 1994  
Steering Committee, Physiology Graduate Group; University of California, Davis, 1994  
Peer Review Committee; American heart Association, Western States Affiliate, 1994  
Fellow, Council on Clinical Cardiology; American Heart Association, 1992  
Fellow, Council on Arteriosclerosis and Thrombosis; American Heart Association, 1992

### Select Recent Publications

2011 Sriram R, Lagerstedt JO, Petrlova J, Samardzic H, Kreutzer U, Xie H, Kaysen GA, Desreux JF, Thonon D, Jacques V, Van Loan M, Rutledge JC, Oda MN, Voss JC, Jue T. Imaging apolipoprotein AI in vivo. *NMR in Biomedicine*.

Armstrong AW, Voyles SV, Armstrong EJ, Fuller EN, Rutledge JC. A tale of two plaques: convergent mechanisms of T-cell-mediated inflammation in psoriasis and atherosclerosis. *Experimental Dermatology*, 2011;20(7): 544-549.

Armstrong AW, Voyles SV, Armstrong EJ, Fuller EN, Rutledge JC. Angiogenesis and oxidative stress: Common mechanisms linking psoriasis with atherosclerosis. *Journal of Dermatological Science*, 2011;63(1): 1-9. Publications 12

Ellis CL, Ma ZM, Mann SK, Li CS, Wu J, Knight TH, Yotter T, Hayes TL, Maniar AH, Troia-Cancio PV, Overman HA, Torok NJ, Albanese A, Rutledge JC, Miller CJ, Pollard RB, Asmuth DM. Molecular Characterization of Stool Microbiota in HIV-Infected Subjects by Panbacterial and Order-Level 16S Ribosomal DNA (rDNA) Quantification and Correlations with Immune Activation. *Journal of Acquired Immune Deficiency Syndromes*, 2011;57(5): 363-370.

Schie IW, Wu J, Weeks T, Zerns MA, Rutledge JC, Huser T. Labelfree imaging and analysis of the effects of lipolysis products on primary hepatocytes. *Journal of Biophotonics*, 2011;4(6): 425-434.

Weeks T, Schie I, den Hartigh LJ, Rutledge JC, Huser T. Lipid-cell interactions in human



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monocytes investigated by doubly-resonant coherent anti-Stokes Raman scattering microscopy. *Journal of Biomedical Optics*, 2011;16(2): 021117.

Villablanca AC, Pinkerton KE, Rutledge JC. Maternal and neonatal exposure to environmental tobacco smoke targets pro-inflammatory genes in neonatal arteries. *Journal of Cardiovascular Translational Research* 2010; 3(6): 696-703.

Ellis CL, Rutledge JC, Underwood MA. Intestinal microbiota and blue baby syndrome: Probiotic therapy for term neonates with cyanotic congenital heart disease. *Gut Microbes*, 2010;1(6): 359-366.

2008 JC Rutledge, T Huser, J Voss, A Parikh, J Chan: *Lifecycle of a Lipoprotein, Handbook of Biophysics*. \*\* IN PRESS \*\*

2009 Higgins, L. J., J. C. Rutledge. Inflammation associated with the postprandial lipolysis of triglyceride-rich lipoproteins by lipoprotein lipase. *Current Atherosclerosis Reports*, 11. \*\* IN PRESS \*\*

2009 Villablanca, A. C., A. Tenwolde, M. Lee, M. Huck, S. Mumenthaler, J. C. Rutledge. 17b-Estradiol prevents early-stage atherosclerosis in estrogen receptor-alpha deficient female-mice. *Journal of Cardiovascular Translational Research*, 2:289-299.

2009 Wang, L., R Gill, T. L. Pedersen, L. J. Higgins, J. W. Newman, J. C. Rutledge. Triglyceride-rich lipoprotein lipolysis releases neutral and oxidized FFAs that induce endothelial cell inflammation. *Journal of Lipid Research*, 50:204-213.

2008 Altman, R, D. D. Motton, and J. C. Rutledge. Inhibition of vascular inflammation by dehydroepiandrosterone sulfate in human aortic endothelial cells: Roles of PPAR $\alpha$  and NF-K B. *Vascular Pharmacology*, 48:76-84.

2008 Schie, I. W., T. Weeks, G. P. McNerney, S. Fore, J. K. Sampson, S. Wachsmann-Hogiu, J. C. Rutledge, T. Huser. Simultaneous forward and epi-CARS microscopy with a single detector by time-correlated single photon counting. *Optics Express*, 16(3):2168-2175.

2008 Wang, L., A. R. Sapuri-Butti, H. H. Aung, A. N. Parikh and J. C. Rutledge. Triglyceride-rich lipoprotein lipolysis increases aggregation of endothelial cell membrane microdomains and produces reactive oxygen species. *American Journal of Physiology, Heart and Circulatory Physiology*, 295:H237-H244.

2007 Martin-McNulty, B., L. Zhang, V. da Cunha, J. Vincelette, J.C. Rutledge, R Vergona, M. E. Sullivan and X-Y. Wang. Urokinase-type plasminogen activator deficiency (uPA-KO) prevented carotid artery ligation-induced vascular remodeling in mice. *Translational Research*, 149:70-75.



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