John Calvert Rutledge, M.D.

Clinical Interests	John C. Rutledge is an expert in atherosclerosis and lipid disorders. He specializes in preventive cardiology, lipid disorders and reversal of atherosclerotic cardiovascular disease.
Research/Academic Interests	Dr. Rutledge's current laboratory research includes biology of the vascular wall. http://www.ucdmc.ucdavis.edu/internalmedicine/research/vascular-lab/
Title	Professor, Division of Cardiovascular Medicine Vice Chair of Research, Internal Medicine Richard A. and Nora Eccles Harrison Endowed Chair for Diabetes Research
Specialty	Cardiology, Cardiovascular Medicine, Internal Medicine
Department	Internal Medicine
Division	Cardiovascular Medicine
Center/Program Affiliation	Cardiovascular Services
Address/Phone	Lawrence J. Ellison Ambulatory Care Center, Cardiology Clinic, 4860 Y St. Suite 0200 Sacramento, CA 95817 **Phone:** 800-282-3284
Additional Phone	Physician Referrals: 916-734-5678
Education	M.D., Baylor College of Medicine, Houston TX 1976 B.A., University of Texas, Austin TX 1972
Internships	Internal Medicine, University of Tennessee, Memphis TN 1976-1977
Residency	Internal Medicine, UC Davis Medical Center, Sacramento CA 1979-1981
Fellowships	Cardiovascular Medicine, UC Davis Medical Center, Sacramento CA 1981-1983
Board Certifications	American Board of Internal Medicine, 1983 American Board of Internal Medicine, Cardiovascular Disease, 1985
Professional Memberships	American Association for the Advancement of Science American College of Cardiology, Fellow American College of Physicians

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John Calvert Rutledge, M.D.

American Federation of Clinical Research

American Heart Association, Fellow

Honors and Awards

NIH Travel Award: The Intersection of Metabolic and Neurocognitive Function, NIH Workshop, NIH campus, July 17-18, 2015

Greater Bay Area Research Award Reception, Honoring AHA Northern California Research Awardees, 2011

Top Cited Article 2008-2010, Journal of Vascular Pharmacology, Altman R, Motton DD, Kota RS, Rutledge JC: Inhibition of vascular inflammation by DHEAS in human aortic endothelial cells: Roles of PPAR and NF-kB, 2010

Co-Chair, UC Davis School of Medicine Vice-Chairs for Research, 2011

Chair, Research Affairs Committee, UC Davis Center 2005-, 2013

Executive Council, UC Davis Academic Senate, 2005

Dean's Excellence in Mentoring Award, UC Davis, 2000

Co-Chair, "Mouse Models of Diabetic Complications Consortium" Study Sect. Review, NIDDK, 2001

Richard A. and Nora Eccles Harrison Endowed Chair in Diabetes Research, 2000

Chair, Graduate Group in Physiology 1998-, 2001

Select Recent Publications

To view a detailed list of Dr. Rutledge's publications, please click here.

Eiselein L, Nyunt T, Lamé MW, Ng KF, Wilson DW, Rutledge JC, Aung HH. TGRL Lipolysis Products Induce Stress Protein ATF3 via the TGF- Receptor Pathway in Human Aortic Endothelial Cells. PLoS One. 2015 Dec 28;10(12):e0145523.

Ng KF, Anderson S, Mayo P, Aung HH, Walton JH, Rutledge JC. Characterizing blood-brain barrier perturbations after exposure to human triglyceride-rich lipoprotein lipolysis products using MRI in a rat model. Magn Reson Med. 2015 Oct 20. [Epub ahead of print]

Walton JH, Ng KF, Anderson SE, Rutledge JC. MRI measurement of blood-brain barrier transport with a rapid acquisition refocused echo (RARE) method. Biochem Biophys Res Commun. 2015 Aug 7;463(4):479-82.

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Yahiatène I, Aung HH, Wilson DW, Rutledge JC. Single-molecule quantification of lipotoxic expression of activating transcription factor 3. Phys Chem Chem Phys. 2014 Oct 21;16(39):21595-601.

Altman R, Keenan AH, Newman JW, Rutledge JC. The Postprandial Effects of a Moderately High-Fat Meal on Lipid Profiles and Vascular Inflammation in Alzheimer's Disease Patients: A Pilot Study. J Gen Pract (Los Angel). 2014;2(6). pii: 186.

den Hartigh LJ, Altman R, Norman JE, Rutledge JC. Postprandial VLDL lipolysis products increase monocyte adhesion and lipid droplet formation via activation of ERK2 and NFB. Am J Physiol Heart Circ Physiol. 2014 Jan 1;306(1):H109-20.

Aung HH, Tsoukalas A, Rutledge JC, Tagkopoulos I. A systems biology analysis of brain microvascular endothelial cell lipotoxicity. BMC Syst Biol. 2014 Jul 4;8:80.

Ellis CL, Bokulich NA, Kalanetra KM, Mirmiran M, Elumalai J, Haapanen L, Schegg T, Rutledge JC, Raff G, Mills DA, Underwood MA. Probiotic administration in congenital heart disease: a pilot study. J Perinatol. 2013 Sep;33(9):691-7.

Aung HH, Lame MW, Gohil K, An CI, Wilson DW, Rutledge JC. Induction of ATF3 gene network by triglyceride-rich lipoprotein lipolysis products increases vascular apoptosis and inflammation. Arterioscler Thromb Vasc Biol. 2013 Sep;33(9):2088-96.

Snodgrass RG, Huang S, Choi IW, Rutledge JC, Hwang DH. Inflammasome-mediated secretion of IL-1 in human monocytes through TLR2 activation; modulation by dietary fatty acids. J Immunol. 2013 Oct 15;191(8):4337-47.

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