

Selected Peer-reviewed Publications

1. Wilson RM, De Silva DS, Sato K, Izumiya Y, **Sam F**. Effects of Fixed-Dose Isosorbide Dinitrate/ Hydralazine on Diastolic Function and Exercise Capacity in Hypertension-Induced Diastolic Heart Failure. *Hypertension*. 2009;54:583-90. [PMID: 19620510](#)
2. Ikeda Y, Sato K, Pimentel DR, **Sam F**, Shaw RJ, Dyck JRB, **Walsh K**. Myocyte LKB1 Plays A Pivotal Role In Cardiac Hypertrophy And Function. *J Biol Chem*. 2009; 284(51):35839-49 [PMC2791013](#).
3. **Sam F**, Duhaney T.S, Sato K, Wilson RM, Ohashi K, Sono-Romanelli S, Higuchi A, De Silva DS, Qin F, Walsh K, Ouchi N. Adiponectin Deficiency, Diastolic Dysfunction and Diastolic Heart Failure. *Endocrinology*. 2010;151:322-31 [PMC2803144](#).
4. Biolo A, Shibata R, Ouchi N, Kihara S, Sonoda M, Walsh K, **Sam F**. Determinants of Adiponectin Levels in Patients with Chronic Systolic Heart Failure, *Am J Cardiol*. 2010; 105:1147-52 [PMC2854672](#).
5. El-Armouche A, Ouchi N, Tanaka K, Doros G, Wittköpper K, Schulze T, Eschenhagen T, Walsh K, **Sam F**. Follistatin-like 1 in Chronic Systolic Heart Failure: A Marker of Left Ventricular Remodeling. *Circ Heart Fail*. 2011;4(5):621-7 [PMC3178753](#).
6. Rude MK, Duhaney TS, Kuster GM, Judge S, Heo J, Colucci WS, Siwik DA, **Sam F**. Aldosterone stimulates matrix metalloproteinases and reactive oxygen species in adult rat ventricular cardiomyocytes. *Hypertension*. 2005;46(3):555-61. <http://hyper.ahajournals.org/content/46/3/555.full>
7. **Sam F**, Kerstetter DL, Pimental DR, Mulukutla SR, Tabae A, Bristow MR, Colucci WS, Sawyer DB. Increased Reactive Oxygen Species and Production and Functional Alterations in Antioxidant Enzymes in Human Failing Myocardium. *J Cardiac Fail*. 2005, 11(6):473-480. [PMID: 16105639](#)
8. Kotlyar E, Vita JA, Winter MR, Siwik DA, Awtry EH, Keaney JF, Sawyer DB, Cupples LA, Colucci WS, **Sam F**. The Relationship between Aldosterone, Oxidative Stress and Inflammation in Chronic, Stable Human Heart Failure. *J Cardiac Fail*. 2006 Mar;12(2):122-7. [PMID: 16520260](#)
9. **Sam F**, Halickman I, Vita JA, Levitzky Y, Cupples LA, Loscalzo J, Allensworth-Davies D. Predictors of Improved Left Ventricular Systolic Function in an Urban Cardiomyopathy Program. *Am J Cardiol*. 2006; 98(12):1622-1626. [PMID: 17145222](#)
10. Duhaney TS, Lebrasseur NK, Cui L, Ngoy S, Liao R, **Sam F**. Peroxisome Proliferator-Activated Receptor Alpha-Independent Actions of Fenofibrate Exacerbates Left Ventricular Dilation and Fibrosis in Chronic Pressure Overload. *Hypertension*. 2007;49:1084-1094. [PMID: 17353509](#)
11. Shibata R, Izumiya Y, Sato K, Papanicolaou K, Kihara S, Colucci W, **Sam F**, Ouchi N, Walsh K. Adiponectin protects against the development of systolic dysfunction following myocardial infarction. *J Mol Cell Cardiol*. 2007 Jun;42(6):1065-74 [PMC1987393](#).
12. Biolo A, Chao T, Duhaney TS, Kotlyar E, Allensworth-Davies D, Loscalzo J and **Sam F**. Usefulness of the Aldosterone Synthase Gene Polymorphism C-344-T to Predict Cardiac Remodeling in African Americans versus Non-African Americans with Chronic Systolic Heart Failure. *Am J Cardiol*. 2007;100(2): 285-290. [PMID: 17631084](#)
13. Essick EE, Ouchi N, Wilson RM, Ohashi K, Ghobrial J, Shibata R, Pimentel DR, **Sam F**. Adiponectin mediates cardioprotection in oxidative stress-induced cardiac myocyte remodeling. *Am J Physiol Heart Circ Physiol*. 2011;301(3):H984-93 [PMC3191107](#).

14. Shimano M, Ouchi N, Nakamura K, van Wijk B, Ohashi K, Asaumi Y, Higuchi A, Pimentel DR, **Sam F**, Murohara T, van den Hoff MJB, Walsh K. Cardiac myocyte follistatin-like 1 functions to attenuate hypertrophy following pressure overload. *Proc Natl Acad Sci USA*. 2011;108(43):E899-906 [PMC3203781](#).
15. Garcia AG, Wilson RM, Heo J, Murthy NR, Baid S, Ouchi N, **Sam F**. Interferon- γ ablation exacerbates myocardial hypertrophy in diastolic heart failure. *Am J Physiol Heart Circ Physiol*. 2012;303(5):H587-96 [PMC3468473](#).