



Gerald I Shulman

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Publications (5)

Morino K, Philbrick W, White M, Sebastian D, Samuel V, Nagai Y, Moore I, Reznick R, Tsirigotis D, Sono S, Bilz S, Neschen S, Shulman G. Muscle-specific IRS-1 Ser->Ala transgenic mice are protected from fat-induced insulin resistance in skeletal muscle. *Diabetes* 2008; 57:2644-51.

Petersen K, Rothman D, Papademetris X, Kahn B, Zeman L, Befroy D, Cline G, Yonemitsu S, Solomon G, Bilz S, Savage D, Dufour S, Shulman G. The role of skeletal muscle insulin resistance in the pathogenesis of the metabolic syndrome. *Proceedings of the National Academy of Sciences of the United States of America* 2007; 104:12587-94.

Bilz S, Samuel V, Morino K, Savage D, Choi C, Shulman G. Activation of the farnesoid X receptor improves lipid metabolism in combined hyperlipidemic hamsters. *American journal of physiology. Endocrinology and metabolism* 2006; 290:E716-22.

Morino K, Pypaert M, Sono S, Bilz S, White M, Neschen S, Shatzkes N, Frattini J, Befroy D, Dufour S, Petersen K, Shulman G. Reduced mitochondrial density and increased IRS-1 serine phosphorylation in muscle of insulin-resistant offspring of type 2 diabetic parents. *The Journal of clinical investigation* 2005; 115:3587-93.

Samuel V, Liu Z, Qu X, Elder B, Bilz S, Befroy D, Romanelli A, Shulman G. Mechanism of hepatic insulin resistance in non-alcoholic fatty liver disease. *The Journal of biological chemistry* 2004; 279:32345-53.

Projects (0)

No results found.

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