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LIST OF PUBLICATIONS

1. Franco OH, de Laet C, Peeters A, Jonker JT, Mackenbach J, Nusselder WJ. Effects of physical activity on life expectancy with cardiovascular disease. *Arch Intern Med.* 2005; 165:2355-2360.
2. Jonker JT, De Laet C, Franco OH, Peeters A, Mackenbach J, Nusselder WJ. Physical activity and life expectancy with and without diabetes: life table analysis of the Framingham Heart Study. *Diabetes Care.* 2006; 29:38-43.
3. Hammer S, Jonker JT, Lamb HJ, van der Meer RW, Zondag W, Sepers JM, de Roos A, Smit JW, Romijn JA. Short-term hyperglycemic dysregulation in patients with type 1 diabetes does not change myocardial triglyceride content or myocardial function. *Diabetes Care.* 2008; 31:1613-1614.
4. Jonker JT, Wang Y, de Haan W, Diamant M, Rijzewijk LJ, van der Meer RW, Lamb HJ, Tamsma JT, de Roos A, Romijn JA, Rensen PC, Smit JW. Pioglitazone decreases plasma cholesteryl ester transfer protein mass, associated with a decrease in hepatic triglyceride content, in patients with type 2 diabetes. *Diabetes Care.* 2010; 33:1625-1628.
5. Jonker JT, Lamb HJ, van der Meer RW, Rijzewijk LJ, Menting LJ, Diamant M, Bax JJ, de Roos A, Romijn JA, Smit JW. Pioglitazone compared with metformin increases pericardial fat volume in patients with type 2 diabetes mellitus. *J Clin Endocrinol Metab.* 2010; 95:456-460.
6. Jonker JT, Rijzewijk LJ, van der Meer RW, Lubberink M, de Jong HW, Romijn JA, Bax JJ, de Roos A, Heine RJ, Twisk JW, Windhorst AD, Lammertsma AA, Smit JW, Diamant M, Lamb HJ. Effects of hepatic triglyceride content on myocardial metabolism in type 2 diabetes. *J Am Coll Cardiol.* 2010; 56:225-233.
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9. van Lierop AH, Hamdy NA, van der Meer RW, Jonker JT, Lamb HJ, Rijzewijk LJ, Diamant M, Romijn JA, Smit JW, Papapoulos SE. Distinct effects of pioglitazone and metformin on circulating sclerostin and biochemical markers of bone turnover in men with type 2 diabetes mellitus. *Eur J Endocrinol.* 2012; 166:711-716.
10. Jonker JT, Snel M, Hammer S, Kerpershoek G, Lamb HJ, Meinders AE, Pijl H, de Roos A, Romijn JA, Smit JW, Jazet IM. Long-term beneficial effect of a 16-week very low calorie diet on pericardial fat in obese type 2 diabetes mellitus patients. *Obesity (Silver Spring).* 2012; in press
11. Jonker JT, Snel M, Schoones J, Lamb H, de Roos A, Pijl H, Smit JW, Meinders AE, Jazet IM. Ectopic fat and insulin resistance: pathophysiology and effect of diet and lifestyle interventions. *Int J Endocrinol.* 2012; in press.
12. Jonker JT, Djaberi R, van Schinkel LD, Hammer S, Bus MTJ, Kerpershoek G, Kharagjitsingh AV, Romijn JA, Bax JJ, Jukema JW, de Roos A, Smit JW, Lamb HJ. Very low calorie diet increases myocardial triglyceride content and decreases diastolic left ventricular function in type 2 diabetes with cardiac complications. Submitted.
13. Jonker JT, Snel M, Hammer S, Jazet IM, van der Meer RW, Pijl H, Meinders AE, de Roos A, Smit JW, Romijn JA, Lamb HJ. Sustained cardiac remodeling after a short-term very low calorie diet in type 2 diabetes mellitus. Submitted.
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15. Jonker JT, Tjeerdema N, Hensen LCR, Lamb HJ, Romijn JA, Smit JW, Westenberg JJ, de Roos A. Short-term effect of an oral glucose load on region-specific aortic pulse wave velocity assessed by magnetic resonance imaging. Submitted.
16. Jonker JT, Smit JW, Hammer S, Snel M, van der Meer RW, Lamb HJ, Mudde K, Jazet IM, Dekkers OM, de Roos A, Romijn JA, Kersten S, Rensen PC. Dietary modulation of plasma angiopoietin-like protein 4 levels in healthy volunteers and in patients with type 2 diabetes. Submitted.