

List of publications Xlab 2006

1. Pedersen, J.Ø., Zimmerman, E., Stallknecht, B.M., Bruun, J.M., Kroustrup, J.P., Larsen, J.F., Helge, J.W. Livsstilsintervention i behandlingen af svær fedme. *Ugeskr Læger*, 168(2):167-72, 2006.
2. Iqbal, S.I., Helge, J.W., Heitmann, B.L. Do Energy Density and Dietary Fiber Influence Subsequent 5-Year Weight Changes in Adult Men and Women? *Obesity*, 14(1):106-14, 2006.
3. Lauritzen, H.P.M.M., Ploug, T., Prats, C., Tavaré, J.M., Galbo, H. Imaging of Insulin Signaling in Skeletal Muscle of Living Mice Shows Major Role of T-Tubules. *Diabetes*, 55(5):1300-6, 2006.
4. Stisen, A.B., Stougaard, O., Langfort, J., Helge, J.W., Sahlin, K., Madsen, K. Maximal fat oxidation rates in endurance trained and untrained women. *Eur J Appl Physiol*, 98(5):497-506, 2006.
5. Kalliokoski, K.K., Scheede-Bergdahl, C., Kjær, M., Boushel, R. Muscle Perfusion and Metabolic Heterogeneity: Insights from Noninvasive Imaging Techniques. *Exercise and Sports Sciences Reviews*, 34(4):164-70, 2006.
6. Helge, J.W., Dela, F. Kan man spise sig til top præstationer i sport? *Ugeskr Læger*, 168(51):4510, 2006.
7. Bruun, J.M., Helge, J.W., Richelsen, B., Stallknecht, B. Diet and exercise reduce low-grade inflammation and macrophage infiltration in adipose tissue but not in skeletal muscle in severely obese subjects. *Am J Physiol Endocrinol Metab*, 290(5): E961-E967, 2006.
8. Nordby, P., Saltin, B., Helge, J.W. Whole-body fat oxidation determined by graded exercise and indirect calorimetry: a role for muscle oxidative capacity? *Scand J Med Sci Sports*, 16(3):209-14, 2006.
9. Helge, J.W., Biba, T.O., Galbo, H., Gaster, M., Donsmark, M. Muscle triacylglycerol and hormone-sensitive lipase activity in untrained and trained human muscles. *Eur J Appl Physiol*, 97(5):566-72, 2006.
10. Dela, F., Kjær, M. Resistance training, insulin sensitivity and muscle function in the elderly. *Essays in Biochemistry*, 42:75-88, 2006.
11. Kalliokoski, K.K., Langberg, H., Ryberg, A.K., Scheede-Bergdahl, C., Doessing, S., Kjær, A., Kjær, M., Boushel, R. Nitric oxide and prostaglandins influence local skeletal muscle blood flow during exercise in humans: coupling between local substrate uptake and blood flow. *Am J Physiol Regul Integr Comp Physiol*, 291: R803-R809, 2006.
12. Haugaard, S.B., Andersen, O., Pedersen, S.B., Dela, F., Fenger, M., Richelsen, B., Madsbad, S., Iversen, J. Tumor necrosis factor α is associated with insulin-mediated suppression of free fatty acids and net lipid oxidation in HIV-infected patients with lipodystrophy. *Metabolism Clinical and Experimental*, 55(2):175-82, 2006.

13. Haugaard, S.B., Andersen, O., Pedersen, S.B., Dela, F., Deacon, C.F., Holst, J.J., Iversen, J., Madsbad, S. Glucose-stimulated prehepatic insulin secretion is associated with circulating alanine, triglyceride, glucagon, lactate and TNF- α in patients with HIV-lipodystrophy. *HIV Medicine*, 7(3):163-72, 2006.
14. Helge, J.W., Overgaard, K., Damsgaard, R., Sørensen, K., Andersen, J.L., Dyrskog, S.E.U., Hermansen, K., Saltin, B., Wojtaszewski, J.F.P. Repeated prolonged whole-body low-intensity exercise: effects on insulin sensitivity and limb muscle adaptations. *Metabolism Clinical and Experimental*, 55(2):217-23, 2006.
15. Prats, C., Donsmark, M., Qvortrup, K., Londos, C., Sztalryd, C., Holm, C., Galbo, H., Ploug, T. Decrease in intramuscular lipid droplets and translocation of HSL in response to muscle contraction and epinephrine. *Journal of Lipid Research*, 47(11):2392-9, 2006.
16. Rabøl, R., Boushel, R., Dela, F. Mitochondrial oxidative function and type 2 diabetes. *App. Physiol Nutr Metab*, 31: 675-683 (2006).
17. Ralston, E., Lu, Z., Biscocho, N., Soumaka, E., Mavroidis, M., Prats, C., Lomo, T., Capetanaki, Y., Ploug, T. Blood vessels and desmin control the positioning of nuclei in skeletal muscle fibers. *J Cell Physiol*, 209(3): 874-82, 2006.