

List of publications Xlab 2008

1. Helge, J.W., Damsgaard, R., Overgaard, K., Andersen, J.L., Donsmark, M., Dyrskog, S.E., Hermansen, K., Saltin, B., Dagaard, J.R. Low-intensity training dissociates metabolic from aerobic fitness. *Scan J Med Sci Sports*, 18(1):86-94, 2008.
2. Vistisen, B., Hellgren, L.I., Vadset, T., Scheede-Bergdahl, C., Helge, J.W., Dela, F., Stallknecht, B. Effect of gender on lipid-induced insulin resistance in obese subjects. *Eur J of Endocrinology*, 158: 61-68, 2008.
3. Lauritzen, H.P.M.M., Ploug, T., Ai, H., Donsmark, M., Prats, C., Galbo, H. Denervation and high-fat diet reduce insulin-signalling in t-tubules in skeletal muscle of living mice. *Diabetes*, 57(1): 13-23, 2008.
4. Lundby, C., Boushel, R., Robach, P., Møller, K., Saltin, B., Calbet, J.A.L. During hypoxic exercise some vasoconstriction is needed to match O₂ delivery with O₂ demand at the microcirculatory level. *J Physiol*, 586(1): 123-30, 2008.
5. Robach, P., Calbet, J.A.L., Thomsen, J.J., Boushel, R., Mollard, P., Rasmussen, P., Lundby, C. The Ergogenic Effect of Recombinant Human Erythropoietin on VO₂max Depends on the Severity of Arterial Hypoxemia. *PLoS ONE*, 3(8):e2996, 2008.
6. Lundby, C., Robach, P., Boushel, R., Thomsen, J.J., Rasmussen, P., Koskolou, M., Calbet, J.A.L. Does recombinant human Epo increase exercise capacity by means other than augmenting oxygen transport? *J Appl Physiol*, 105: 581-587, 2008.
7. Calbet, J.A.L., Robach, P., Lundby, C., Boushel, R. Is pulmonary gas exchange during exercise in hypoxia impaired with the increase of cardiac output? *Appl Physiol Nutr Metab*, 33: 1-8, 2008.
8. Vogiatzis, I., Zakyntinos, S., Boushel, R., Athanasopoulos, D., Guenette, J.A., Wagner, H., Roussos, C., Wagner, P.D. The contribution of intrapulmonary shunts to the alveolar-to-arterial oxygen difference during exercise is very small. *J Physiol*, 586(9): 2381-91, 2008.
9. Pedersen-Bjergaard, U., Thomsen, C.E., Høgenhaven, H., Smed, A., Kjær, T.W., Holst, J.J., Dela, F., Hilsted, L., Frandsen, E., Pramming, S., Thorsteinsson, B. Angiotensin-converting enzyme activity and cognitive impairment during hypoglycaemia in healthy humans. *J Renin-Angiotensin-Aldosterone System*, 9(1), 37-48, 2008.
10. Guenette, J.A., Vogiatzis, I., Zakyntinos, S., Athanasopoulos, D., Koskolou, M., Golemati, S., Vasilopoulou, M., Wagner, H.E., Roussos, C., Wagner, P.D., Boushel, R. Human respiratory muscle blood flow measured by near-infrared spectroscopy and indocyanine green. *J Appl Physiol*, 104: 1202-10, 2008.
11. Skovbro, M., Baranowski, M., Skov-Jensen, C., Flint, A., Dela, F., Gorski, J., Helge, J.W. Human skeletal muscle ceramide content is not a major factor in muscle insulin sensitivity. *Diabetologia*, 51: 1253-12, 2008.

12. Heinonen, I., Nesterov, S.V., Liukko, K., Kemppainen, J., Någren, K., Luotolahti, M., Virsu, P., Oikonen, V., Nuutila, P., Kujala, U.M., Kainulainen, H., Boushel, R., Knuuti, J., Kalliokoski, K.K. Myocardial blood flow and adenosine A_{2A} receptor density in endurance athletes and untrained men. *J.Physiol*, 586.21: 5193-5202, 2008.
13. Vogiatzis, I., Athanasopoulos, D., Stratakis, G., Garagouini, C., Koutsoukou, A., Boushel, R., Roussos, C., Zakynthinos, S. Exercise-induced skeletal muscle deoxygenation in O₂-supplemented COPD patients. *Scand.J.Med.Sci.Sports*, 19(3):364-72.
14. Vogiatzis, V., Athanasopoulos, D., Boushel, R., Guenette, J.A., Koskolou, M., Vasilopoulou, M., Wagner, H., Roussos, C., Wagner, P.D., Zakynthinos, S. Contribution of respiratory muscle blood flow to exercise-induced diaphragmatic fatigue in trained cyclists. *J Physiol*, 586(Pt 22):5575-87, 2008.