

List of manuscripts

This present PhD thesis is based on two human dietary intervention studies that gave rise to three papers. Paper III is based on study I.

PAPER I/STUDY I

Anne-Marie Lundsgaard, Kim A. Sjøberg, Louise D. Høeg, Jacob Jeppesen, Andreas B. Jordy, Annette K. Serup, Andreas M. Fritzen, Henriette Pilegaard, Lene S. Myrmel, Lise Madsen, Jørgen F. P. Wojtaszewski, Erik A. Richter, and Bente Kiens

Opposite regulation of insulin sensitivity by dietary lipid versus carbohydrate excess.

Diabetes, in revision.

PAPER II/STUDY II

Anne-Marie Lundsgaard, Jacob B. Holm, Kim A. Sjøberg, Kirstine Bojsen-Møller, Even Fjære, Lene S. Myrmel, Trine S. Nicolaisen, Janne R. Hingst, Jens J. Holst, Lise Madsen, Karsten Kristiansen, Jørgen F. P. Wojtaszewski, Erik A. Richter and Bente Kiens

The role of eucaloric high-fat diets enriched in saturated or polyunsaturated fatty acids in the regulation of peripheral insulin action and hepatic glucose production in healthy men.

Manuscript prepared for submission.

PAPER III

Anne-Marie Lundsgaard, Andreas M. Fritzen, Kim A. Sjøberg, Lene S. Myrmel, Lise Madsen, Jørgen F. P. Wojtaszewski, Erik A. Richter and Bente Kiens

Circulating FGF21 in humans is potently induced by short term overfeeding of carbohydrates

Molecular Metabolism, 2016 Nov 16;6(1):22-29