List of papers included in the thesis

The present thesis is based on the paper and manuscript listed below, as well as unpublished observations. The papers are referred to as study I and study II throughout the thesis and are placed in the back of the thesis.

Study I:

Annette Karen Serup, Jesper Bratz Birk and Bente Kiens; AMPK is an important regulator of lipolysis and phosphorylation of adipose triglyceride lipase ser\textsuperscript{406} during muscle contractions. Manuscript

Study II:

Annette Karen Serup, Thomas Junker Alsted, Andreas Børsting Jordy, Peter Schjerling, Cecilia Holm, and Bente Kiens (2016); Partial Disruption of Lipolysis Increases Post Exercise Insulin Sensitivity in Skeletal Muscle Despite Accumulation of DAG; Diabetes; Oct;65(10):2932-42