List of other publications

**Publications during the PhD which are not included in the thesis**

Role of AMPK in regulation of LC3 lipidation as a marker of autophagy in skeletal muscle.
Fritzen AM, Frøsig C, Jeppesen J, Jensen TE, **Lundsgaard AM**, Serup AK, Schjerling P, Proud CG, Richter EA, Kiens B.

Regulation of autophagy in human skeletal muscle: effects of exercise, exercise training and insulin stimulation.
Fritzen AM, Madsen AB, Kleinert M, Treebak JT, **Lundsgaard AM**, Jensen TE, Richter EA, Wojtaszewski J, Kiens B, Frøsig C.
J Physiol. 2016 Feb 1;594(3):745-61

5′-AMP activated protein kinase α2 controls substrate metabolism during post-exercise recovery via regulation of pyruvate dehydrogenase kinase 4.
Fritzen AM, **Lundsgaard AM**, Jeppesen J, Christiansen ML, Biensø R, Dyck JR, Pilegaard H, Kiens B.
J Physiol. 2015 Nov 1;593(21):4765-80 (*shared first-author)

**New Nordic Diet-Induced Weight Loss Is Accompanied by Changes in Metabolism and AMPK Signaling in Adipose Tissue.**
J Clin Endocrinol Metab. 2015 Sep;100(9):3509-19
*shared first-authorship

Differential effects of glucagon-like peptide-1 on microvascular recruitment and glucose metabolism in short- and long-term insulin resistance.
Sjøberg KA, Rattigan S, Jeppesen JF, **Lundsgaard AM**, Holst JJ, Kiens B.
J Physiol. 2015 May 1;593(9):2185-98

**Gender differences in skeletal muscle substrate metabolism - molecular mechanisms and insulin sensitivity. REVIEW**
**Lundsgaard AM**, Kiens B.

Adiponectin concentration is associated with muscle insulin sensitivity, AMPK phosphorylation, and ceramide content in skeletal muscles of men but not women.
Høeg LD, Sjøberg KA, **Lundsgaard AM**, Jordy AB, Hiscock N, Wojtaszewski JF, Richter EA, Kiens B.

**Book chapter:**