

Publications during the PhD which are not included in the thesisRole 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.

Cell Signal. 2016 Jun;28(6):663-74

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 $\alpha 2$ 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.

Fritzen AM*, **Lundsgaard AM***, Jordy AB, Poulsen SK, Stender S, Pilegaard H, Astrup A, Larsen TM, Wojtaszewski JF, Richter EA, Kiens B.

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.

Front Endocrinol (Lausanne). 2014 Nov 13;5:195

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.

J Appl Physiol (1985). 2013 Mar 1;114(5):592-601

Book chapter:

Legato M. Principles of gender-specific medicine. Chapter 15. "Exercise Physiology in Men and Women" **Lundsgaard AM**, Fritzen AM, Kiens B. Elsevier. Third edition.