

## List of papers included in the thesis

The present thesis is based on three manuscripts listed below (one published paper, one submitted manuscript in review and one manuscript draft). Throughout the thesis, they will be referred to as study 1, 2 and 3. The papers are placed at the end of the thesis.

### Study 1:

**Steenberg, D.E.**, Jørgensen, N.B., Birk, J.B., Sjøberg, K.A., Kiens, B., Richter, E.A. & Wojtaszewski, J.F.P. (2019) Exercise training reduces the insulin-sensitizing effect of a single bout of exercise in human skeletal muscle. *J. Physiol.* 597, 89-103

### Study 2:

**Steenberg, D.E.**, Hingst, J.R., Birk, J.B., Thorup, A., Kristensen, J.M., Sjøberg, K.A., Kiens, B., Richter, E.A. & Wojtaszewski J.F.P. A single bout of one-legged exercise to local exhaustion decreases insulin action in non-exercised muscle leading to decreased whole-body insulin action. *Draft, soon to be submitted to Diabetes*

### Study 3:

Deshmukh, A.S.\*, **Steenberg, D.E.\***, Birk, J.B., Santos, A., Kjøbsted, R., Hingst, J.R., Hostrup, M., Schéele, C.C., Murgia, M., Kiens, B., Richter, E.A., Mann, M. & Wojtaszewski, J.F.P. Deep muscle-proteomic analysis of freeze-dried human muscle biopsies reveals extensive fiber type-specific adaptations to exercise training. *In review, Nature Communications, May 2019.*

\*shared first authorship