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## Publications

### **StUbEx PLUS-A Modified Stable Tagged Ubiquitin Exchange System for Peptide Level Purification and In-Depth Mapping of Ubiquitination Sites**

Akimov, V., Olsen, L. C. B., Hansen, S. V. F., Barrio-Hernandez, I., Puglia, M., Jensen, S. S., Solov'yov, I. A., Kratchmarova, I. & Blagoev, B., 2018, In: Journal of Proteome Research. 17, 1, p. 296-304

### **Screening for bioactive metabolites in plant extracts modulating glucose uptake and fat accumulation**

El-Houri, R. B., Kotowska, D., Olsen, L. C. B., Bhattacharya, S., Christensen, L. P., Grevsen, K., Oksbjerg, N., Færgeman, N. J., Kristiansen, K. & Christensen, K. B., 2014, In: Evidence-Based Complementary and Alternative Medicine. 2014, p. 156398 8 p., Article ID 156398.

### **Bioactive components from flowers of *Sambucus nigra* L. increase glucose uptake in primary porcine myotube cultures and reduce fat accumulation in *Caenorhabditis elegans***

Bhattacharya, S., Christensen, K. B., Olsen, L. C. B., Christensen, L. P., Grevsen, K., Færgeman, N. J., Kristiansen, K., Young, J. F. & Oksbjerg, N., 2013, In: Journal of Agricultural and Food Chemistry. 61, 46, p. 11033-11040 8 p.

### **Chemical Genomics and Emerging DNA Technologies in the Identification of Drug Mechanisms and Drug Targets**

Olsen, L. C. B. & Færgeman, N. J., 2012, In: Current Topics in Medicinal Chemistry. 12, 12, p. 1331-1345

### **Identification of novel biomolecules and their molecular targets which regulate lipid homeostasis in eukaryotes**

Elmelund-Præstekær, L. C. B., 2012, Syddansk Universitet. Det Naturvidenskabelige Fakultet.

### **Screening of plant extracts for potential effects on the metabolic syndrome**

El-Houri, R. B., Christensen, K. B., Kotowska, D. E., Elmelund-Præstekær, L. C. B., Bhattacharya, S., Fretté, X., Grevsen, K., Færgeman, N. J., Oksbjerg, N., Kristiansen, K. & Christensen, L. P., 2012, In: Planta Medica. 78, 11, p. 1206-1206 1 p., PI276.

### **Pharmacological identification of novel regulators of fat storage in *C. elegans***

Elmelund-Præstekær, L. C. B., Nielsen, J., Kristiansen, K. & Færgeman, N. J., 7. Sep 2011.

### **The adiponectin receptor homologs in *C. elegans* promote energy utilization and homeostasis**

Svensson, E., Olsen, L. C. B., Mörck, C., Brackmann, C., Enejder, A., Færgeman, N. J. & Pilon, M., 2011, In: P L o S One. 6, 6, p. e21343

### **Tissue- and paralogue-specific functions of acyl-CoA-binding proteins in lipid metabolism in *C. elegans***

Elle, I. C., Simonsen, K. T., Olsen, L. C. B., Birck, P. K., Ehmsen, S., Tuck, S., Le, T. T. & Færgeman, N. J., 2011, In: Biochemical Journal. 437, p. 231-241

### **What does not kill you outright might make you stronger - Investigation of the effect of a novel biomolecule on fat storage in *C. elegans***

Elmelund-Præstekær, L. C. B., Fogtmann, T., Nielsen, J., Kristiansen, K. & Færgeman, N. J., 2011.

### **Something worth dyeing for: molecular tools for the dissection of lipid metabolism in *Caenorhabditis elegans***

Elle, I. C., Olsen, L. C. B., Pultz, D., Rødkaer, S. V. & Færgeman, N. J., 3. Jun 2010, In: FEBS letters. 584, 11, p. 2183-93 11 p.

**Beneficial effects of carrots (*Daucus carota* L.) on adipocyte differentiation, glucose uptake, and fat accumulation**

Christensen, K. B., Kotowska, D., Bhattacharya, S., Elmelund-Præstekær, L. C. B., Fretté, X., Færgeman, N. J., Kristiansen, K., Oksbjerg, N. & Christensen, L. P., 2010, In: *Planta Medica*. 76, 12, p. 1355-1355 1 p., P632.

**Elderflowers (*Sambucus nigra* L.) have a significant impact on cellular mechanisms related to lipid storage and insulin resistance**

Christensen, K. B., Elmelund-Præstekær, L. C. B., Kotowska, D. E., Bhattacharya, S., Fretté, X., Færgeman, N. J., Kristiansen, K., Oksbjerg, N. & Christensen, L. P., 2010, In: *Planta Medica*. 76, 12, p. 1355-1355 1 p., P633.

**Statins inhibit protein lipidation and induce the unfolded protein response in the non-sterol producing nematode *Caenorhabditis elegans***

Mörck, C., Elmelund-Præstekær, L. C. B., Kurth, C., Persson, A., Storm, N. J., Svensson, E., Jansson, J-O., Hellqvist, M., Enejder, A., Færgeman, N. J. & Pilon, M., 27. Oct 2009, In: *Proceedings of the National Academy of Science of the United States of America*. 106, 43, p. 18285-18290 6 p.

**Inhibition of HMG-CoA reductase induces the UPR pathway in *C. elegans***

Elmelund-Præstekær, L. C. B., Hansen, N. J. S., Pilon, M. & Færgeman, N. J., 2009.