

CALANUS® OIL PUBLICATIONS

Updated as per October 2020

Published papers

Schots, P.C., Jansen, K.M., Mrazek, J., Pedersen, A.M., Olsen, R. L., and Lrsen, T. **(2020)** Obesity-induced alterations in the gut microbiome in female mice fed a high-fat diet are antagonized by dietary supplementation with a nove, wax ester-rich, marine oil. *Nutrition research* DOI: 10.1016/j.nutres.2020.09.002

Wasserfurth, P., Nebl. J., Boßlau, T.K., Krüger, K., Hahn, A., and Schuchardt, J.P **(2020)** 12-weeks of *Calanus finmarchicus* oil intake improves omega-3-index in healthy older subjects engaging in an exercise program. *British Journal of Nutrition* 1-8. DOI: 10.1017/S0007114520002809

Wasserfurth, P., Nebl, J., Schichardt, J.P., Müller, M., Boßlau, T.K., Krüger, K., and Hahn, A. **(2020)** Effects of Exercise Combined with a Healthy Diet or *Calanus finmarchicus* Oil Supplementation on Body Composition and Metabolic Markers – A Pilot Study. *Nutrients* 12 (7), 2139

Schots, P.C., Pedersen, A.M., Eilertsen; K.E., Olsen, R.L. and Larsen, T.S **(2020)** Possible Health Effects of a Wax Ester Rich Marine Oil. *Front. Pharmacol.* 11:961

Jansen, K.M., Moreno, S., Garcia-Roves, P.M. & Larsen, T.S. **(2019)** Dietary Calanus oil recovers metabolic flexibility and rescues postischemic cardiac function in obese mice. *American Journal of Physiology*,317:H290-H299

Cook, C.M., Larsen, T., Derrig, L.D., Kelly, K.M. & Tande, K. S. **(2016)** Wax-ester rich oil from the marine crustacean *Calanus finmarchicus* is a bioavailable source of EPA and DHA for human consumption. *Lipids*, 51 (10) 1137-1144

Salma,W., Franekova, V., Lind, T., Höper, A.C., Ludvigsen, S., Lund, J., Aasum, E., Ytrehus, K., Belke, D.D. & Larsen, T.L. **(2016)** Dietary Calanus oil antagonizes angiotensin II-induced hypertension and tissue wasting in obese mice. *Prostaglandins, Leukotrienes and Essential Fatty Acids*, 108: 13–21

Tande, K.S., Trung, D.Vo. & Lynch, B.S. **(2016)** Clinical safety evaluation of marine oil derived from *Calanus finmarchicus*. *Regulatory Toxicology and Pharmacology*, 80: 25-31

Pedersen, A. M., Salma W., Höper A. C., Larsen T. S. & Olsen R. L. **(2014)** Lipid profile of mice fed a high-fat diet supplemented with a wax ester-rich marine oil. *European Journal of Lipid Science and Technology*, 116: 1718-1726

Höper, A.C., Salma, W., Sollie, S.J., Hafstad, A.D., Lund, J., Khalid, J., Raa, J., Aasum, E. & Larsen, T.S. **(2014)** Wax Esters from the Marine Copepod *Calanus finmarchicus* Reduce Diet-Induced Obesity and Obesity-Related Metabolic Disorders in Mice. *Journal of Nutrition*, 144 (2): 164-169

Pedersen, A.M., Vang, B. & Olsen, R.L. **(2014)** Oil from *Calanus finmarchicus*. Composition and Possible Use: A Review. *Journal of Aquatic Food Product Technology*, 23 (6): 633-644

Höper, A.C. Salma, W., Khalid, A.M., Hafstad, A.D., Sollie, S., Raa, J., Larsen, T.S. & Aasum, E. **(2013)** Oil from the marine zooplankton *Calanus finmarchicus* improves the cardiometabolic phenotype of diet-induced obese mice. *British Journal of Nutrition*, 110 (12): 2186-2193

Vang, B., Pedersen, A.M. & Olsen, R.L. **(2013)** Oil extracted from the copepod *Calanus finmarchicus* using proteolytic enzymes. *Journal of Aquatic Food Product Technology*, 22 (6): 619-628

Vang, B., Mæhre, H.K., Jensen, I.J. & Olsen, R.L. **(2013)** Detection of tropomyosin and determination of proteins in crustacean oils. *Food Chemistry* 141: 72–76

Eilertsen, K.-E., Maehre, H., Jensen, I.J., Devold, H. Olsen, J.O. Lie, R.K., Brox, J. Berg, V. Elvevoll, E.O. & Østerud, B. **(2012)** A Wax Ester and Astaxanthin-Rich Extract from the Marine Copepod *Calanus finmarchicus* Attenuates Atherogenesis in Female Apolipoprotein E-Deficient Mice *Journal of Nutrition* 142: 508-512