

LISTE COMPLETE DE PUBLICATIONS

Vagner M, Lacoue-Labarthe T, Zambonino-Infante J-L, Mazurais D, Dubillot E., Le Delliou H., Quazuguel P, Lefrançois C. **2015**. Depletion of essential fatty acids in the food source affects aerobic capacities of the golden grey mullet *Liza aurata* in a warming seawater context. *PLoS ONE* 10(6): e0126489. doi:10.1371/journal.pone.0126489

Vagner M, Zambonino-Infante J-L, Mazurais D, Imbert-Auvray N., Ouillon N., Dubillot E., Le Delliou H., Akbar D., Lefrançois C. **2014**. Reduced n-3 highly unsaturated fatty acids dietary content expected with global change reduces the metabolic capacity of the golden grey mullet. *Marine Biology*. . DOI: 10.1007/s00227-014-2526-3

Vagner M, de Montgolfier B, Lafille M, Sevigny JM, Tremblay R, Audet C. **2014**. Effects of dietary fatty acids on metamorphosis in winter flounder (*Pseudopleuronectes americanus*). *Marine Biology*. DOI:10.1007/s00227-013-2381-7

Vagner M, de Montgolfier B, Sevigny JM, Tremblay R, Audet C. **2013**. Expression of genes involved in key metabolic processes during winter flounder (*P. americanus*) metamorphosis. *Canadian Journal of Zoology* 91(3), 156-163. DOI:10.1139/cjz-2012-0240.

Dupont-Prinet A, **Vagner M**, Chabot D, Audet C. **2013**. Impact of hypoxia on the metabolism of Greenland halibut *Reinhardtius hippoglossoides*. *Canadian Journal of Fisheries and Aquatic Sciences* 70 (3), 461-469. DOI: 10.1139/cjfas-2012-0327

Sauvage C*, **Vagner M***, Derôme N, Audet C, Bernatchez L. **2012**. Genetic mapping of SNP markers reveals QTLs linked to growth and stress response in brook charr (*Salvelinus fontinalis*). **Both authors contributed equally to the study.* *Genes, Genomes, Genetics* 2 (6), 707-720. DOI: 10.1534/g3.112.001990.

Sauvage C*, **Vagner M***, Derome N, Audet C, Bernatchez L. **2012**. Coding gene single nucleotide polymorphism mapping and quantitative trait loci detection for physiological reproductive traits in brook charr, *Salvelinus fontinalis*. **Both authors contributed equally to the study.* *Genes, Genomes, Genetics* 2, 379–392. DOI: 10.1534/g3.111.001867.

Vagner M, Santigosa E. **2011**. Characterization and modulation of gene expression and enzymatic activity of delta-6 desaturase in teleosts: A review. *Aquaculture*, 315: 131-143. DOI: 10.1016/j.aquaculture.2010.11.031

Vagner M, Robin JH, Tocher DR, Zambonino Infante JL, Person-Le Ruyet J. **2009**. Ontogenic effects of early feeding of sea bass (*Dicentrarchus labrax*) larvae with a range of dietary n-3 HUFA levels on the functioning of polyunsaturated fatty acid desaturation pathways. *British Journal of Nutrition* 101, 1452-1462. DOI: 10.1017/S0007114508088053

Vagner M, Lefrançois C, Ferrari S, Satta A, Domenici P. **2008**. The effect of acute hypoxia on swimming stamina at optimal swimming speed in flathead grey mullet *Mugil cephalus*. *Marine Biology* 155, 183-190. DOI: 10.1007/s00227-008-1016-x.

Vagner M, Robin JH, Zambonino Infante JL, Person J. **2007**. Combined effects of dietary HUFA level and temperature on the sea bass (*D. labrax*) larvae development. *Aquaculture* 266, 179-190. DOI:10.1016/j.aquaculture.2007.02.040.

Vagner M, Robin JH, Zambonino Infante JL, Person J. **2007**. Is it possible to influence European sea bass (*D. labrax*) juvenile metabolism by a nutritional conditioning during larval stage? *Aquaculture* 267, 165-174. DOI:10.1016/j.aquaculture.2007.01.031.