

Accepted Manuscript

Impact of lignans on the polyunsaturated fatty acid metabolic processing in a rainbow trout (*Oncorhynchus mykiss*) cell line

Julie Mellery, Florian Scalisi, Chloé Bonnineau, Patrick Kestemont, Xavier Rollin, Yvan Larondelle



PII: S0044-8486(16)31065-1
DOI: doi: [10.1016/j.aquaculture.2017.04.022](https://doi.org/10.1016/j.aquaculture.2017.04.022)
Reference: AQUA 632618
To appear in: *aquaculture*
Received date: 4 December 2016
Revised date: 9 March 2017
Accepted date: 21 April 2017

Please cite this article as: Julie Mellery, Florian Scalisi, Chloé Bonnineau, Patrick Kestemont, Xavier Rollin, Yvan Larondelle , Impact of lignans on the polyunsaturated fatty acid metabolic processing in a rainbow trout (*Oncorhynchus mykiss*) cell line. The address for the corresponding author was captured as affiliation for all authors. Please check if appropriate. Aqua(2017), doi: [10.1016/j.aquaculture.2017.04.022](https://doi.org/10.1016/j.aquaculture.2017.04.022)

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

Short communication

Impact of lignans on the polyunsaturated fatty acid metabolic processing in a rainbow trout (*Oncorhynchus mykiss*) cell line

Julie Mellery ^{a,*}, Florian Scalisi ^a, Chloé Bonnineau ^{a,b}, Patrick Kestemont ^c, Xavier Rollin ^d, Yvan Larondelle ^{a,*}

^a Institute of Life Sciences, Université catholique de Louvain, Croix du Sud, 2/L7.05.08, 1348 Louvain-la-Neuve, Belgium

^b Milieux Aquatiques, Ecologie et Pollutions, Irstea-Centre de Lyon-villeurbanne, 5 rue de la Doua, 69616 Villeurbanne, France

^c Unité de Recherche en Biologie Environnementale et Evolutive, Université de Namur, Rue de Bruxelles, 61, 5000 Namur, Belgium

^d Plateforme technologique en biologie aquicole Marcel Huet, Earth and Life Institute, Université catholique de Louvain, Route du Blocry, 2/L8.01.01, 1348 Louvain-la-Neuve, Belgium

* Corresponding authors: julie.mellery@uclouvain.be (+3210 47 37 04), yvan.larondelle@uclouvain.be (+3210 47 37 35)

Keywords (max 4-6)

RTL-W1 cell line

Fatty acid metabolism

Salmonids

Linseed lignans

Sesame seed lignans

Enterolignans

Download English Version:

<https://daneshyari.com/en/article/5539412>

Download Persian Version:

<https://daneshyari.com/article/5539412>

[Daneshyari.com](https://daneshyari.com)