

## Accepted Manuscript

Long chain n-3 polyunsaturated fatty acids increase the efficacy of docetaxel in mammary cancer cells by downregulating Akt and PKC $\epsilon/\delta$ -induced ERK pathways

Chauvin Lucie, Caroline Goupille, Blanc Charly, Pinault Michelle, Domingo Isabelle, Guimaraes Cyrille, Bougnoux Philippe, Chevalier Stephan, Mahéo Karine

PII: S1388-1981(16)30011-7  
DOI: doi: [10.1016/j.bbalip.2016.01.012](https://doi.org/10.1016/j.bbalip.2016.01.012)  
Reference: BBAMCB 57885

To appear in: *BBA - Molecular and Cell Biology of Lipids*

Received date: 23 September 2015  
Revised date: 15 January 2016  
Accepted date: 22 January 2016



Please cite this article as: Chauvin Lucie, Caroline Goupille, Blanc Charly, Pinault Michelle, Domingo Isabelle, Guimaraes Cyrille, Bougnoux Philippe, Chevalier Stephan, Mahéo Karine, Long chain n-3 polyunsaturated fatty acids increase the efficacy of docetaxel in mammary cancer cells by downregulating Akt and PKC $\epsilon/\delta$ -induced ERK pathways, *BBA - Molecular and Cell Biology of Lipids* (2016), doi: [10.1016/j.bbalip.2016.01.012](https://doi.org/10.1016/j.bbalip.2016.01.012)

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.

**Long chain n-3 polyunsaturated fatty acids increase the efficacy of docetaxel in mammary cancer cells by downregulating Akt and PKC $\epsilon$ / $\delta$ -induced ERK pathways.**

Chauvin Lucie<sup>1</sup>, Caroline Goupille<sup>1,2</sup>, Blanc Charly<sup>1</sup>, Pinault Michelle<sup>1</sup>, Domingo Isabelle<sup>1</sup>, Guimaraes Cyrille<sup>1</sup>, Bougnoux Philippe<sup>1,2</sup>, Chevalier Stephan<sup>1,3</sup> and Mahéo Karine<sup>1,3,\*</sup>

<sup>1</sup> Inserm UMR1069 “Nutrition, Croissance et Cancer” Université François Rabelais, Faculté de Médecine, 10 bd Tonnellé, 37032 Tours, France

<sup>2</sup> Hôpital “Bretonneau”, CHRU, 2 bd Tonnellé, 37000 Tours, France;

<sup>3</sup> UFR des Sciences Pharmaceutiques, Université François Rabelais de Tours, 31 av Monge, 37200 Tours, France

To whom correspondence should be addressed. Tel: +33 2473 66213 ; Fax: +33 2473 66226 ; Email: karine.maheo@univ-tours.fr

Short title: DHA increases docetaxel efficacy by inhibiting ERK and Akt

Download English Version:

<https://daneshyari.com/en/article/8301788>

Download Persian Version:

<https://daneshyari.com/article/8301788>

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