

Accepted Manuscript

Non-alcoholic fatty liver disease impairs the cytochrome P-450 dependent metabolism of alpha-tocopherol (vitamin E)

D. Bartolini, P. Torquato, C. Barola, A. Russo, C. Rychlicki, D. Giusepponi, G. Bellezza, A. Sidoni, R. Galarini, G. Svegliati-Baroni, Francesco Galli

PII: S0955-2863(16)30735-5
DOI: doi: [10.1016/j.jnutbio.2017.06.003](https://doi.org/10.1016/j.jnutbio.2017.06.003)
Reference: JNB 7791

To appear in: *The Journal of Nutritional Biochemistry*

Received date: 20 November 2016
Revised date: 1 June 2017
Accepted date: 2 June 2017

Please cite this article as: Bartolini D, Torquato P, Barola C, Russo A, Rychlicki C, Giusepponi D, Bellezza G, Sidoni A, Galarini R, Svegliati-Baroni G, Galli Francesco, Non-alcoholic fatty liver disease impairs the cytochrome P-450 dependent metabolism of alpha-tocopherol (vitamin E), *The Journal of Nutritional Biochemistry* (2017), doi: [10.1016/j.jnutbio.2017.06.003](https://doi.org/10.1016/j.jnutbio.2017.06.003)

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.



Title

Non-alcoholic fatty liver disease impairs the cytochrome P-450 dependent metabolism of alpha-tocopherol (vitamin E).

Authors and affiliations:

D. Bartolini¹, P. Torquato¹, C. Barola¹, A. Russo^{1,2}, C. Rychlicki³, D. Giusepponi⁴, G. Bellezza⁵, A. Sidoni⁵, R. Galarini⁴, G. Svegliati-Baroni³ and F. Galli^{1*}

¹ Department of Pharmaceutical Sciences, University of Perugia, Italy,

² Centro Universitario Ricerca Interdipartimentale Attività Motoria (C.U.R.I.A.MO.), University of Perugia, Italy,

³ Department of Gastroenterology, Università Politecnica delle Marche, Ancona, Italy,

⁴ Istituto Zooprofilattico Statale dell'Umbria e delle Marche (IZSUM), Perugia, Italy,

⁵ Department of Experimental Medicine, University of Perugia, Italy.

***Corresponding Author:**

Francesco Galli, PhD

University of Perugia

Department of Pharmaceutical Sciences

Lab of Clinical Biochemistry and Nutrition

Via del Giochetto, 06126 Perugia (Italy)

Tel +39 075 585 7445/7940

e-mail: francesco.galli@unipg.it

Keywords:

Vitamin E, alpha-tocopherol, NAFLD, NASH, CYP4F2, PPAR- γ , SREBP.

Download English Version:

<https://daneshyari.com/en/article/5512877>

Download Persian Version:

<https://daneshyari.com/article/5512877>

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