

Accepted Manuscript

Overview of carotenoid bioavailability determinants: From dietary factors to host genetic variations

Charles Desmarchelier, Patrick Borel

PII: S0924-2244(16)30523-4

DOI: [10.1016/j.tifs.2017.03.002](https://doi.org/10.1016/j.tifs.2017.03.002)

Reference: TIFS 1977

To appear in: *Trends in Food Science & Technology*

Received Date: 16 November 2016

Revised Date: 11 January 2017

Accepted Date: 10 March 2017

Please cite this article as: Desmarchelier, C., Borel, P., Overview of carotenoid bioavailability determinants: From dietary factors to host genetic variations, *Trends in Food Science & Technology* (2017), doi: 10.1016/j.tifs.2017.03.002.

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.



Overview of carotenoid bioavailability determinants: from dietary factors to host genetic variations^{1,2}

Charles Desmarchelier,^{3*} Patrick Borel,^{3*}

³NORT, Aix-Marseille Université, INRA, INSERM, 13005, Marseille, France

Authors' last names for PubMed indexing: Desmarchelier, Borel

Number of figures: 2

Number of tables: 0

Running title: Carotenoid bioavailability determinants

Abbreviations: ABCA1, ATP binding cassette AI; BCO1, beta-carotene oxygenase 1; BCO2, beta-carotene oxygenase 2; CD36, cluster of differentiation 36; NPC1L1, Niemann–Pick C1-Like 1; SNP, single nucleotide polymorphism; SR-BI, scavenger receptor class B member 1.

¹ Author disclosures: *C Desmarchelier, P Borel*, no conflicts of interest.

* To whom correspondence should be addressed: Charles.Desmarchelier@univ-amu.fr; Patrick.Borel@univ-amu.fr
UMR 1260 INRA/1062 INSERM/Aix-Marseille University
"Nutrition, Obesity and Risk of Thrombosis"
Faculté de Médecine
27, boulevard Jean Moulin
13005 Marseille
France
Phone: +33 (0)4 91 32 42 82; +33 (0)4 91 32 42 77
Fax: +33 (0)4 91 78 21 01

Download English Version:

<https://daneshyari.com/en/article/8428765>

Download Persian Version:

<https://daneshyari.com/article/8428765>

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