

Accepted Manuscript

The intelligent delivery systems for bioactive compounds in foods: Physicochemical and physiological conditions, absorption mechanisms, obstacles and responsive strategies

Jingjing Chai, Ping Jiang, Pengjie Wang, Yumeng Jiang, Dan Li, Weier Bao, Bingxue Liu, Bin Liu, Liyun Zhao, Willem Norde, Qipeng Yuan, Fazheng Ren, Yuan Li

PII: S0924-2244(17)30646-5

DOI: [10.1016/j.tifs.2018.06.003](https://doi.org/10.1016/j.tifs.2018.06.003)

Reference: TIFS 2244

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

Received Date: 6 November 2017

Revised Date: 1 May 2018

Accepted Date: 4 June 2018

Please cite this article as: Chai, J., Jiang, P., Wang, P., Jiang, Y., Li, D., Bao, W., Liu, B., Liu, B., Zhao, L., Norde, W., Yuan, Q., Ren, F., Li, Y., The intelligent delivery systems for bioactive compounds in foods: Physicochemical and physiological conditions, absorption mechanisms, obstacles and responsive strategies, *Trends in Food Science & Technology* (2018), doi: 10.1016/j.tifs.2018.06.003.

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.



1 The intelligent delivery systems for bioactive
2 compounds in foods: physicochemical and
3 physiological conditions, absorption mechanisms,
4 obstacles and responsive strategies

5
6 *Jingjing Chai*^{1,2,#}, *Ping Jiang*^{1,2,#}, *Pengjie Wang*¹, *Yumeng Jiang*^{1,2}, *Dan Li*¹, *Weier Bao*^{1,2}, *Bingxue*
7 *Liu*^{1,2}, *Bin Liu*¹, *Liyun Zhao*¹, *Willem Norde*³, *Qipeng Yuan*², *Fazheng Ren*¹, *Yuan Li*^{1,*}

8 ¹Beijing Advanced Innovation Center for Food Nutrition and Human Health, Key Laboratory of
9 Functional Dairy, College of Food Science and Nutritional Engineering, China Agricultural
10 University, 100083, China;

11 ²College of Life Science and Technology, Beijing University of Chemical Technology, 100029,
12 Beijing, China;

13 ³Laboratory of Physical Chemistry and soft matter, Wageningen University, Dreijenplein 6, 6703
14 HB, Wageningen, The Netherlands

15 [#]Both authors contributed equally

16 ^{*}Corresponding author: yuanli@cau.edu.cn

Download English Version:

<https://daneshyari.com/en/article/8427993>

Download Persian Version:

<https://daneshyari.com/article/8427993>

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