

## Accepted Manuscript

Mechanistic insight into the relationship between triacylglycerol and crystallization of lipase-catalyzed interesterified blend of palm stearin and vegetable oil

Ting-wei Zhu, Hao-tian Weng, Xia Zhang, Hong Wu, Bing Li

PII: S0308-8146(18)30600-9  
DOI: <https://doi.org/10.1016/j.foodchem.2018.03.147>  
Reference: FOCH 22690

To appear in: *Food Chemistry*

Received Date: 1 December 2017  
Revised Date: 5 February 2018  
Accepted Date: 31 March 2018

Please cite this article as: Zhu, T-w., Weng, H-t., Zhang, X., Wu, H., Li, B., Mechanistic insight into the relationship between triacylglycerol and crystallization of lipase-catalyzed interesterified blend of palm stearin and vegetable oil, *Food Chemistry* (2018), doi: <https://doi.org/10.1016/j.foodchem.2018.03.147>

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.



**Mechanistic insight into the relationship between triacylglycerol and  
crystallization of lipase-catalyzed interesterified blend of palm  
stearin and vegetable oil**

Ting-wei Zhu<sup>1</sup>, Hao-tian Weng<sup>2</sup>, Xia Zhang<sup>1,3</sup>, Hong Wu<sup>1,3</sup>, Bing Li<sup>\*1,3</sup>

<sup>1</sup> School of Food Science and Engineering, South China University of Technology,  
Guangzhou 510640, China

<sup>2</sup> Department of Applied Mathematics, Northwestern Polytechnical University, Xian  
710129, China

<sup>3</sup> Guangdong Province Key Laboratory for Green Processing of Natural Products and  
Product Safety, Guangzhou 510640, China

\* To whom correspondence should be addressed. Tel.: +86-20-87113252; *E-mail*:

bli@scut.edu.cn (B. Li)

† Supplementary material available.

Download English Version:

<https://daneshyari.com/en/article/7585011>

Download Persian Version:

<https://daneshyari.com/article/7585011>

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