#### Accepted Manuscript

Characterization of binding interaction between rice glutelin and gallic acid: Multi-spectroscopic analyses and computational docking simulation



Taotao Dai, Xiaoyan Yan, Qian Li, Ti Li, Chengmei Liu, David Julian McClements, Jun Chen

PII:	80963-9969(17)30587-2
DOI:	doi: 10.1016/j.foodres.2017.09.020
Reference:	FRIN 6969
To appear in:	Food Research International
Received date:	30 July 2017
Revised date:	2 September 2017
Accepted date:	8 September 2017

Please cite this article as: Taotao Dai, Xiaoyan Yan, Qian Li, Ti Li, Chengmei Liu, David Julian McClements, Jun Chen, Characterization of binding interaction between rice glutelin and gallic acid: Multi-spectroscopic analyses and computational docking simulation, *Food Research International* (2017), doi: 10.1016/j.foodres.2017.09.020

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.

### **ACCEPTED MANUSCRIPT**

# Characterization of binding interaction between rice glutelin and gallic acid: Multi-spectroscopic analyses and computational docking simulation

Taotao Dai<sup>a</sup>, Xiaoyan Yan<sup>a</sup>, Qian Li<sup>b</sup>, Ti Li<sup>a</sup>, Chengmei Liu<sup>\*a</sup>, David Julian

McClements\*<sup>c</sup>, and Jun Chen<sup>a</sup>

<sup>a</sup> State Key Laboratory of Food Science and Technology, Nanchang University, No.

235 Nanjing East Road, Nanchang 330047, China

<sup>b</sup> College of Bioengineering and Food, Hubei University of Technology, Wuhan

430068, China

<sup>c</sup> Department of Food Science, University of Massachusetts, Amherst, MA 01003,

USA

#### **Corresponding author:**

\*Chengmei Liu

E-mail address: liuchengmei@aliyun.com

Tel: +86-13330060958.

Fax: +86-791- 8334509.

\*David Julian McClements

E-mail address: mcclements@foodsci.umass.edu

Tel: (413) 545-1019.

Download English Version:

## https://daneshyari.com/en/article/8889913

Download Persian Version:

https://daneshyari.com/article/8889913

Daneshyari.com