

## Accepted Manuscript

Title: Endo- $\beta$ -1,3-glucanase digestion combined with the HPAEC-PAD-MS/MS analysis reveals the structural differences between two laminarins with different bioactivities

Authors: Zhonghua Liu, Yuanjing Xiong, Lin Yi, Rujuan Dai, Yanxin Wang, Mingliang Sun, Xiaoyan Shao, Zhenqing Zhang, Sheng Yuan



PII: S0144-8617(18)30430-2  
DOI: <https://doi.org/10.1016/j.carbpol.2018.04.044>  
Reference: CARP 13498

To appear in:

Received date: 30-10-2017  
Revised date: 7-4-2018  
Accepted date: 10-4-2018

Please cite this article as: Liu, Zhonghua., Xiong, Yuanjing., Yi, Lin., Dai, Rujuan., Wang, Yanxin., Sun, Mingliang., Shao, Xiaoyan., Zhang, Zhenqing., & Yuan, Sheng., Endo- $\beta$ -1,3-glucanase digestion combined with the HPAEC-PAD-MS/MS analysis reveals the structural differences between two laminarins with different bioactivities. *Carbohydrate Polymers* <https://doi.org/10.1016/j.carbpol.2018.04.044>

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.

## Endo- $\beta$ -1,3-glucanase digestion combined with the HPAEC-PAD-MS/MS analysis reveals the structural differences between two laminarins with different bioactivities

Zhonghua Liu<sup>#1,2</sup>, Yuanjing Xiong<sup>#2</sup>, Lin Yi<sup>1</sup>, Rujuan Dai<sup>2</sup>, Yanxin Wang<sup>2</sup>, Mingliang Sun<sup>2</sup>, Xiaoyan Shao<sup>2</sup>, Zhenqing Zhang<sup>\*1</sup>, Sheng Yuan<sup>\*2</sup>

<sup>1</sup> Jiangsu Key Laboratory of Translational Research and Therapy for Neuro-Psycho-Diseases and College of Pharmaceutical Sciences, Soochow University, Suzhou, Jiangsu, 215021, China

<sup>2</sup> Jiangsu Key Laboratory for Microbes and Microbial Functional Genomics, Jiangsu Engineering and Technology Research Center for Industrialization of Microbial Resources, College of Life Science, Nanjing Normal University, Nanjing 210023, China

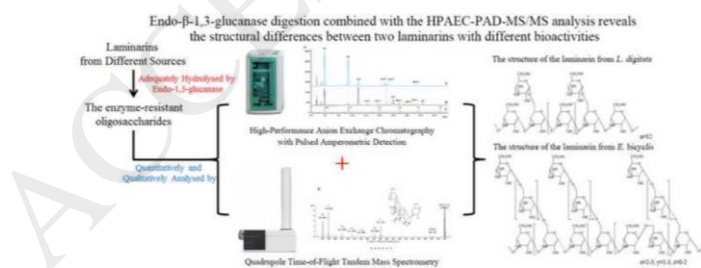
# Co-first author

\* Co-corresponding author

Zhenqing Zhang, Tel./fax: +86 512 6588 2593. E-mail address: z\_zhang@suda.edu.cn

Sheng Yuan, Tel./fax: +86 25 8589 1067. E-mail addresses: yuansheng@njnu.edu.cn

### Graphical abstract



Download English Version:

<https://daneshyari.com/en/article/7782441>

Download Persian Version:

<https://daneshyari.com/article/7782441>

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