

Accepted Manuscript

Sulfated polysaccharide from sea cucumber modulates the gut microbiota and its metabolites in normal mice

Zhenjun Zhu, Beiwei Zhu, Yujiao Sun, Chunqing Ai, Sufeng Wu, Linlin Wang, Shuang Song, Xiaoling Liu



PII: S0141-8130(18)30178-8
DOI: [doi:10.1016/j.ijbiomac.2018.08.098](https://doi.org/10.1016/j.ijbiomac.2018.08.098)
Reference: BIOMAC 10342

To appear in: *International Journal of Biological Macromolecules*

Received date: 18 May 2018
Revised date: 14 July 2018
Accepted date: 21 August 2018

Please cite this article as: Zhenjun Zhu, Beiwei Zhu, Yujiao Sun, Chunqing Ai, Sufeng Wu, Linlin Wang, Shuang Song, Xiaoling Liu, Sulfated polysaccharide from sea cucumber modulates the gut microbiota and its metabolites in normal mice. *Biomac* (2018), doi:[10.1016/j.ijbiomac.2018.08.098](https://doi.org/10.1016/j.ijbiomac.2018.08.098)

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.

Sulfated polysaccharide from sea cucumber modulates the gut microbiota and its metabolites in normal mice

Zhenjun Zhu ^{a,b,c}, Beiwei Zhu ^{a,b,c}, Yujiao Sun ^{b,c,d}, Chunqing Ai ^{b,c}, Sufeng Wu ^b, Linlin Wang ^b, Shuang Song ^{b,c,*}, Xiaoling Liu ^{a,**}

^a College of Light Industry and Food Engineering, Guangxi University, Nanning 530004, China

^b School of Food Science and Technology; National Engineering Research Center of Seafood, Dalian Polytechnic University, Dalian 116034, China

^c National & Local Joint Engineering Laboratory for Marine Bioactive Polysaccharide Development and Application, Dalian 116034, China

^d School of Food and Biological Engineering, Shanxi University of Science and Technology, Xi'an 710021, China

* Corresponding author at: School of Food Science and Technology, Dalian Polytechnic University, No.1 Qinggongyuan, Ganjingzi district, Dalian 116034, P. R. China. Tel: +86-411-86323262, Fax: +86-411-86323262. E-mail address: songs1008@163.com (S. Song).

** Corresponding author at: College of Light Industry and Food Engineering, Guangxi University, No.100 Daxue Road, Xixiangtang district, Nanning 530004, China. E-mail address: 106133912@qq.com (X. Liu).

Download English Version:

<https://daneshyari.com/en/article/10129153>

Download Persian Version:

<https://daneshyari.com/article/10129153>

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