

Accepted Manuscript

Title: Immunomodulatory effects of xanthan gum in LPS-stimulated RAW 264.7 macrophages

Authors: Fuyan Liu, Xiaofeng Zhang, Peixue Ling, Joshua Liao, Mingsheng Zhao, Li Mei, Huarong Shao, Peng Jiang, Zhigang Song, Qixin Chen, Fengshan Wang



PII: S0144-8617(17)30376-4
DOI: <http://dx.doi.org/doi:10.1016/j.carbpol.2017.04.003>
Reference: CARP 12191

To appear in:

Received date: 20-11-2016
Revised date: 3-2-2017
Accepted date: 1-4-2017

Please cite this article as: Liu, Fuyan., Zhang, Xiaofeng., Ling, Peixue., Liao, Joshua., Zhao, Mingsheng., Mei, Li., Shao, Huarong., Jiang, Peng., Song, Zhigang., Chen, Qixin., & Wang, Fengshan., Immunomodulatory effects of xanthan gum in LPS-stimulated RAW 264.7 macrophages. *Carbohydrate Polymers* <http://dx.doi.org/10.1016/j.carbpol.2017.04.003>

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Immunomodulatory effects of xanthan gum in LPS-stimulated RAW 264.7

macrophages

Fuyan Liu^{a,b}, Xiaofeng Zhang^c, Peixue Ling^{a,b,*}, Joshua Liao^d, Mingsheng Zhao^e, Li Mei^{a,b}, Huarong Shao^{a,b}, Peng Jiang^e, Zhigang Song^{a,b}, Qixin Chen^{a,b}, and Fengshan Wang^{a,**}

^a*School of Pharmaceutical Sciences, Shandong University, Jinan 250012, China*

^b*Post-doctoral Scientific Research Workstation, Shandong Academy of Pharmaceutical Science, Jinan 250101, China*

^c*School of Life Sciences, Lanzhou University, Lanzhou 730000, China*

^d*Hormel Institute, University of Minnesota, Austin, MN 55912, USA*

^e*School of Medicine, Shandong University, Jinan 250012, China*

Corresponding author.

*Professor Pei-Xue Ling, Shandong Academy of Pharmaceutical Science, Jinan 250101, China. Tel.: +86 053181213002; Fax: +86 053188524738; *E-mail address*: lpx@sdfmg.com, lpxsdf@163.com.

**Professor Feng-shan Wang, School of Pharmaceutical Sciences, Shandong University, Jinan 250012, China. Tel.: +86 053188382589; Fax: +86 0531 88382548.

Highlights

- 1) Immunomodulatory effects of xanthan gum (XG) in macrophages were evaluated.
- 2) XG ameliorates morphological alteration of LPS-stimulated RAW264.7 macrophages.
- 3) XG inhibits inflammatory mediators stimulated by LPS at the mRNA and protein levels.
- 4) XG has a high binding affinity to TLR4 as assessed using SPR analysis.

E-mail address: fswang@sdu.edu.cn.

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