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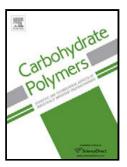
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# Immunomodulatory effects of xanthan gum in LPS-stimulated RAW 264.7 macrophages

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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.

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