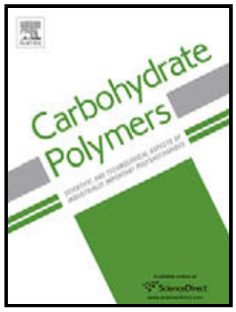

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PII: S0144-8617(18)30956-1
DOI: https://doi.org/10.1016/j.carbpol.2018.08.058
Reference: CARP 13955

To appear in:

Received date: 26-4-2018
Revised date: 18-7-2018
Accepted date: 13-8-2018

Please cite this article as: Song X, Liu Z, Zhang J, Zhang C, Dong Y, Ren Z, Gao Z, Liu M, Zhao H, Jia L, Antioxidative and hepatoprotective effects of enzymatic and acidic-hydrolysis of *Pleurotus geesteranus* mycelium polysaccharides on alcoholic liver diseases, *Carbohydrate Polymers* (2018), https://doi.org/10.1016/j.carbpol.2018.08.058

Antioxidative and hepatoprotective effects of enzymatic and acidic-hydrolysis of *Pleurotus geesteranus* mycelium polysaccharides on alcoholic liver diseases

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Highlights

- The AcMPS and EnMPS showed potential anti-oxidant effects.
- The polysaccharides have hepatoprotection by remitting hepatic enzymes activities.
- Findings indicate the bioactivities are related to physical-chemical characteristics.
- The polysaccharides could be functional foods and natural drugs for preventing ALD.

Abstract

The present work investigated the antioxidant and hepatoprotective effects of