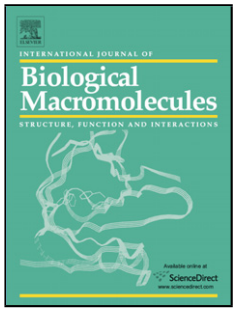

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PII: S0141-8130(17)33326-3
DOI: http://dx.doi.org/10.1016/j.ijbiomac.2017.08.175
Reference: BIOMAC 8168

To appear in: *International Journal of Biological Macromolecules*

Received date: 19-2-2017
Revised date: 12-7-2017
Accepted date: 30-8-2017

Please cite this article as: Yi Zhang, Hongxin Wang, Nana Mei, Chaoyang Ma, Zaixiang Lou, Wenping Lv, GuoHua He, Protective effects of polysaccharide from Dendrobium nobile against ethanol-induced gastric damage in rats, International Journal of Biological Macromoleculeshttp://dx.doi.org/10.1016/j.ijbiomac.2017.08.175

Protective effects of polysaccharide from *Dendrobium nobile* against ethanol-induced gastric damage in rats

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Highlights

- The ulcer lesions and histological changes were investigated to evaluate the effect of JCP on ethanol-induced gastric damage in rats.
- Compared the effect between JCP and omeprazole in protecting against ethanol-induced gastric injury.
- Biochemicals (SOD, MDA, EGF, and PGE 2) were evaluated on the protective effect of ethanol-induced gastric ulcer.
- Mechanisms (MAPKs & MMPs) employing on ethanol-induced gastric damage of rat model were analyzed.
- H-JCP had significant protective effects against ethanol-induced gastric damage in rats.