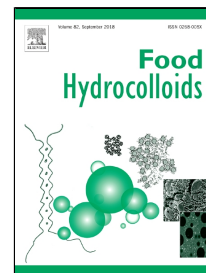


# Accepted Manuscript

Four Types of Winged Yam (*Dioscorea alata* L.) Resistant Starches and Their Effects on Ethanol-induced Gastric Injury *in vivo*

Xinhui Mao, Jun Lu, Hanhan Huang, Xiaoxiao Gao, Hong Zheng, Yuling Chen, Xia Li, Wenyuan Gao



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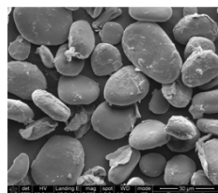


**Winged yam (*Dioscorea alata* L.)**

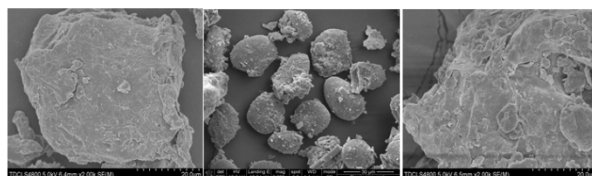


### Physicochemical properties

SEM



**Native starch (RS2)**



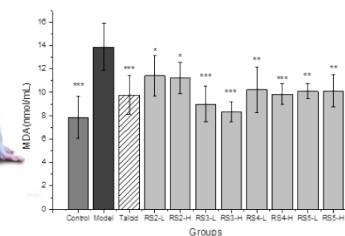
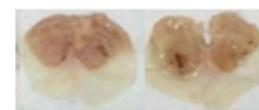
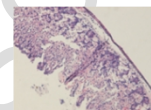
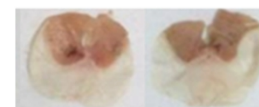
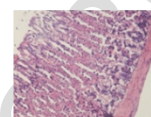
**RS3**

**RS4**

**RS5**



### Anti-gastric ulcer activity



### Graphical Abstract

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