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Glycyrrhizin attenuates histamine-mediated MUC5AC upregulation, inflammatory cytokine production, and aquaporin 5 downregulation through suppressing the NF-κB pathway in human nasal epithelial cells

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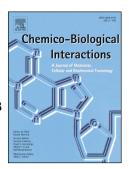
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Glycyrrhizin attenuates histamine-mediated MUC5AC upregulation, inflammatory 1 cytokine production, and aquaporin 5 downregulation through suppressing the NF-κB 2 pathway in human nasal epithelial cells 3 4 Haixia Li^{#, *}, Dandan Guo[#], Liangran Zhang, Xiao Feng 5 6 Department of Otolaryngology, Huaihe Hospital of Henan University, Kaifeng 7 475000, Henan, China. 8 9 10 [#]Haixia Li and Dandan Guo have contributed equally to this study. 11 *Corresponding author: Haixia Li. Department of Otolaryngology, Huaihe Hospital of 12 Henan University, No.8 Baobei Road, Kaifeng 475000, Henan, China. Tel.: 13 +86037123906526. Email: haixia_li75@163.com. 14 15

1

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