

Short-Chain Fatty Acids Attenuate 5-Fluorouracil-Induced THP-1 Cell Inflammation through Inhibiting NF- κ B/NLRP3 Signaling via Glycerolphospholipid and Sphingolipid Metabolism

Yanyan Zhang ^{1,†}, Yue Xi ^{2,†}, Changshui Yang ³, Weijuan Gong ^{3,*}, Chengyin Wang ¹, Liang Wu ⁴ and Dongxu Wang ^{5,*}

¹ Testing Center, Yangzhou University, Yangzhou 225009, China

² Medical Laboratory Department, Huai'an Second People's Hospital, Huai'an 223022, China

³ School of Medicine, Yangzhou University, Yangzhou 225009, China

⁴ Department of Laboratory Medicine, School of Medicine, Jiangsu University, Zhenjiang 212013, China

⁵ School of Grain Science and Technology, Jiangsu University of Science and Technology, Zhenjiang 212100, China

* Correspondence: wjgong@yzu.edu.cn (W.G.); wdx@just.edu.cn (D.W.)

† These authors contributed equally to this work.

Table S1. RT-PCR Primers sequence.

Gene	Primer sequence (5'→3')
GAPDH	FP: CATCACTGCCACCCAGAAGACTG
	RP: ATGCCAGTGAGCTTCCCGTTCAG
NLRP3	FP: AACAGCCACCTCACTTCCAG
	RP: CCAACCACAATCTCCGAATG
Caspase-1	FP: GCACAAGACCTCTGACAGCA
	RP: TTGGGCAGTTCTTGGTATTC
IL-1 β	FP: CCTGTCCTGCGTGTTGAAAGA
	RP: GGGAAGTGGGCAGACTCAA
IL-6	FP: CCTTCGGTCCAGTTGCCTTCT
	RP: GAGGTGAGTGGCTGTCTGTGT
IL-10	FP: TCTCCGAGATGCCTTCAGCAGA
	RP: TCAGACAAGGCTTGGCAACCCA

Note: FP: forward primer; RP: reverse primer.