

# Inhibitory Effect of Styrylpyrone Extract of *Phellinus linteus* on Hepatic Steatosis in HepG2 Cells

Chun-Hung Chiu <sup>1,2,†</sup>, Ming-Yao Chen <sup>3,4,†</sup>, Jun-Jie Lieu <sup>1</sup>, Chin-Chu Chen <sup>5</sup>, Chun-Chao Chang <sup>3,6,7,\*</sup>, Charng-Cherng Chyau <sup>1,\*</sup> and Robert Y. Peng <sup>1,8</sup>

<sup>1</sup> Research Institute of Biotechnology, Hungkuang University, Shalu District, Taichung City 43302, Taiwan

<sup>2</sup> Department of Program in Animal Healthcare, Hungkuang University, Shalu District, Taichung City 43302, Taiwan

<sup>3</sup> Division of Gastroenterology and Hepatology, Department of Internal Medicine, School of Medicine, College of Medicine, Taipei Medical University, Taipei 11031, Taiwan

<sup>4</sup> Division of Gastroenterology and Hepatology, Department of Internal Medicine, Taipei Medical University- Shuang-Ho Hospital, New Taipei City 235041, Taiwan

<sup>5</sup> Grape King Biotechnology Center, Longtan Dist., Taoyuan 325002, Taiwan

<sup>6</sup> Division of Gastroenterology and Hepatology, Department of Internal Medicine, Taipei Medical University Hospital, Taipei 11031, Taiwan

<sup>7</sup> TMU Research Center for Digestive Medicine, Taipei Medical University, Taipei 110, Taiwan

<sup>8</sup> Graduate Institute of Clinical Medicine, College of Medicine, Taipei Medical University, Taipei 110301, Taiwan

\* Correspondence: chunchao@tmu.edu.tw (C.-C. C.); ccchyau@hk.edu.tw (C.-C.C.);

Tel.: +886-4-26318652 (Charng-Cherng Chyau); Fax: +886-4-26525386 (Charng-Cherng Chyau)

† These authors contributed equally to this work.

Table S1. List of primer pairs used for StepOnePlus™ Real-Time PCR System.

Gene		Sequence ( 5' to 3' )
<i>β-actin</i>	F	CCCAGCACAATGAAGATCAAGATCAT
	R	ATCTGCTGGAAGGTGGACAGCGA
<i>Sirt-1</i>	F	ACAGGTTGCGGGAATCCAAAGG
	R	CCTAGGACATCGAGGAACTACCTG
<i>NF-κB</i>	F	AACAGCAGATGGCCCATAACC
	R	AACCTTTGCTGGTCCCACAT
<i>PGC1-α</i>	F	AGACACCGCACGCACCGAAAT
	R	AGCTGTCATACCTGGGCCGACG
<i>AMPK</i>	F	TTTGCGTGTACGAAGGAAGAAT
	R	CTCTGTGGAGTAGCAGTCCCT