

**SUPPLEMENTARY MATERIAL FOR:**

SREP-16-37389B

**ANDROGRAPHOLIDE AMELIORATES INFLAMMATION AND FIBROGENESIS  
AND ATTENUATES INFLAMMASOME ACTIVATION IN EXPERIMENTAL  
NON-ALCOHOLIC STEATOHEPATITIS**

Daniel Cabrera<sup>1,2</sup>, Alexander Wree<sup>3</sup>, Davide Povero<sup>3</sup>, Nancy Solís<sup>1</sup>, Alejandra Hernandez<sup>1</sup>, Margarita Pizarro<sup>1</sup>, Han Moshage<sup>4</sup>, Javiera Torres<sup>5</sup>, Ariel E. Feldstein<sup>3</sup>, Claudio Cabello-Verrugio<sup>6,7</sup>, Enrique Brandan<sup>8</sup>, Francisco Barrera<sup>1</sup>, Juan Pablo Arab<sup>1,9</sup> and Marco Arrese<sup>1,10\*</sup>

**Corresponding author:**

Marco Arrese, M.D.

Departamento de Gastroenterología

Escuela de Medicina

Pontificia Universidad Católica de Chile, Marcoleta #367, Santiago, Chile Postal code 6510260, Phone: 56-2-23543820, Fax: 56-2-26397780, e-mail:

[marrese@med.puc.cl](mailto:marrese@med.puc.cl)

<b>Supplementary Table 1. Oligonucleotide primers and probes used for Real time-PCR</b>			
<b>mRNA</b>	<b>Forward 5'-3'</b>	<b>Reverse 5'-3'</b>	<b>speci</b>
18S	CGGCTACCACATCCAAGGA	CCAATTACAGGGCCTCGAAA	Rattus Norvegicus
18S	GCCGCTAGAGGTGAAATTCT	TCGGAACTACGACGGTATCT	Homo Sapiens
Arg1	CTC CAA GCC AAA GTC CTT AGA G	AGG AGC TGT CAT TAG GGA CAT C	Mus Musculus
ASC	CTT GTC AGG GGATGA ACT CAA AA	GCC ATA CGA CTC CAG ATA GTA GC	Mus Musculus
Casp1	ACA AGG CAC GGG ACC TAT G	TCC CAG TCA GTC CTG GAA ATG	Mus Musculus
COL1A1	GCT CCT CTT AGG GGC CAC T	CCA CGT CTC ACC ATT GGG G	Mus Musculus
COL1A1	TGGTGAACGTGGTGTACAAGGT	CAGTATCACCCCTTGGCACCAT	Rattus Norvegicus
CTGF	GGG CCT CTT CTG CGA TTT C	ATC CAG GCA AGT GCA TTG GTA	Mus Musculus
F4/80	TGA CTC ACC TTG TGG TCC TAA	CTT CCC AGA ATC CAG TCT TTC C	Mus Musculus
IL-1b	TGGCGAGCTCAGGTACTTCT	GCTCTGGGATTCTCTTCAGCC	Homo Sapiens
iNOS	GTT CTC AGC CCA ACA ATA CAA GA	GTG GAC GGG TCG ATG TCA C	Mus Musculus
MCP1	TTA AAA ACC TGG ATC GGA ACC	GCA TTA GCT TCA GAT TTA CGG GT	Mus Musculus
MMP2	CAA GTT CCC CGG CGA TGT C	TTC TGG TCA AGG TCA CCT GTC	Mus Musculus
pro-IL-1 $\beta$	GAA ATG CCA CCT TTT GAC AGT G	CTG GAT GCT CTC ATC AGG ACA	Mus Musculus
TGF- $\beta$	GGGCTACCATGCCAACTTCTG	GAGGGCAAGGACCTTGCTGTA	Rattus Norvegicus
TIMP-1	CTT GGT TCC CTG GCG TAC TC	ACC TGA TCC GTC CAC AAA CAG	Mus Musculus
TNF- $\alpha$	CCC TCA CAC TCA GAT CAT CTT CT	GCT ACG ACG TGG GCT ACA G	Mus Musculus
$\alpha$ -SMA	GTC CCA GAC ATC AGG GAG TAA	TCG GAT ACT TCA GCG TCA GGA	Mus Musculus
$\alpha$ -SMA	GCCAGTCGCCATCAGGAAC	CACACCAGAGCTGTGCTGTCTT	Rattus Norvegicus