

SUPPLEMENT INFORMATION

SARS-CoV-2 spike protein S1-mediated endothelial injury and pro-inflammatory state is amplified by dihydrotestosterone and prevented by mineralocorticoid antagonism

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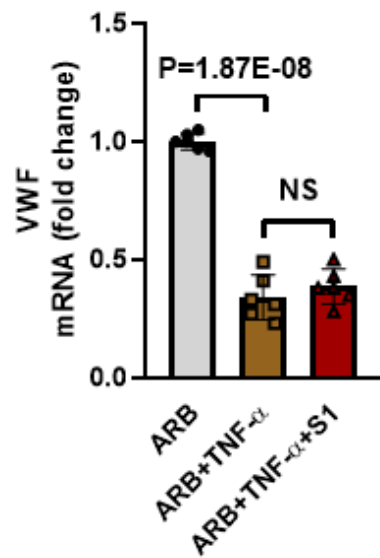


Figure S1: In ECs, TNF- α significantly downregulated VWF expression *in vitro*, however co-administration of S1 and TNF- α did not further change VWF expression.

Supplemental Table S1: Human qPCR primers.

Human Gene	Gene description	Forward Primer (5' > 3')	Reverse Primer (5' > 3')
<i>SELE</i>	selectin E	G TTCCTTCCTGCCAAGTGGT	GATCTTTCCCGGAAGTGCCA
<i>VCAM1</i>	vascular cell adhesion molecule 1	C GAACCCAAACAAAGGCAGAG	CTCTGGGGGCAACATTGACA
<i>ICAM1</i>	intercellular adhesion molecule 1	G GAGCTTCGTGTCCTGTATGG	CTGGCACATTGGAGTCTGCT
<i>SERPINE1</i>	plasminogen activator inhibitor 1	C CTCAGGAAGCCCCTAGAGA	TGGAGAGGCTCTTGGTCTGAA
<i>PLAT</i>	plasminogen activator, tissue type	A GTGTGAGCTCTCCGGCTA	TCCGAATAGAAAGGAGACAAGGC
<i>VWF</i>	von Willebrand factor	G GAGATGTTTGCCTACGGCT	GAGCGTCTCATCACGCTTCA
<i>RPL37</i>	ribosomal protein L37	C GCAGATTCAGGCATGGAT	AGCTGCCCTCTTGGGTTTAGG