

## ■ SUPPLEMENTARY ONLINE DATA

# Acetylcholinesterase inhibitors attenuate angiogenesis

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**Table S1 Sequences of the primers used in real-time PCR**

Angpt 1 and 2, angiotensin II type 1 and 2; PIGF, placental growth factor.

Gene	Sequence (5'→3')	
	Forward	Reverse
TNF $\alpha$	AAGCCTGTAGCCACGTCGTA	GGCACCAGTGTGGTGTCTTTG
IL-1 $\beta$	GCAACTGTTCTCAACTCAACT	ATCTTTGGGGTCCGCTCAACT
IL-6	CCACTTCACAAGTCGGAGGCTTA	GCAAGTGCATCATCGTTGTCATAC
VEGF	GCACATAGGAGAGATGAGCTTCC	CTCCGCTCTGAACAAGGCT
Angpt1	CCGAGCCTACTCACAGTACGACAG	AAATCGGCACCGTGAAGATCAA
Angpt2	GGACAGTCATCCAACCCGAGA	CAAACTCATTGCCAGCCAGTA
PDGF	CAAAGGCAAGCACCGAAAGTTTA	CCGAATCAGGCATCGAGACA
bFGF	GTGCCAACCGGTACTTGCTA	TCAGTGCCACATACCACTGGAG
PIGF	CCTGTCTGCTGGGAACAACCTCA	CACCTCATCAGGGTATTCCCAAG
CD3 $\epsilon$	CACTCTGGGCTTGCTGATGG	TCATAGTCTGGGTGGGAACAGG
F4/80	GAGATTGTGGAAGCATCCGAGAC	GATGACTGTACCCATGGCTGA
$\beta$ -Actin	GGCTGTATCCCTCCATCG	CCAGTTGGTAACAATGCCATG

**Table S3 HR, BP and body weight in the experimental groups treated with donepezil with or without IL-1 $\beta$**

Results are means  $\pm$  S.E.M.

Group	HR (beats/min)	SBP (mmHg)	Body weight (g)
Control + PBS	531 $\pm$ 21	104 $\pm$ 6	24.1 $\pm$ 0.5
Donepezil + PBS	490 $\pm$ 26	100 $\pm$ 4	23.7 $\pm$ 1.7
Donepezil + IL-1 $\beta$	501 $\pm$ 8	105 $\pm$ 3	23.6 $\pm$ 0.6

**Table S2 HR, BP and body weight in the experimental groups**

Results are means  $\pm$  S.E.M. \* $P$  < 0.05 compared with control.

Group	HR (beats/min)	SBP (mmHg)	Body weight (g)
Control	555 $\pm$ 34	101 $\pm$ 10	24.8 $\pm$ 0.8
Donepezil	452 $\pm$ 31*	97 $\pm$ 6	23.3 $\pm$ 0.3
Physostigmine	501 $\pm$ 20	100 $\pm$ 2	23.2 $\pm$ 0.7
Nicotine	522 $\pm$ 56	101 $\pm$ 17	24.3 $\pm$ 1.9
Betahnechol	472 $\pm$ 47	95 $\pm$ 8	23.8 $\pm$ 1.9

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