SUPPLEMENTARY TABLE

Supplementary Table 1. Results from motor and sensory nerve conduction tests performed in old mice (24 months) fed with a standard (AIN-93M) diet (control), or the AIN-93M diet supplemented with either GTE- or cocoa flavanols.

Parameter	Old control (n=7)	Old GTE (n=5)	Old cocoa (n=5)
TA Lat peak (ms)	1.55 ± 0.08	1.52 ± 0.03	1.48 ± 0.02
TA CMAP (mV)	50.5 ± 2.7	47.0 ± 4.9	53.4 ± 4.7
SMUA (mV)	1.20 ± 0.08	1.01 ± 0.04	1.18 ± 0.12
MUNE	40.8 ± 1.5	44.5 ± 2.6	44.9 ± 0.7
PL Lat peak (ms)	2.44 ± 0.19	2.64 ± 0.07	2.34 ± 0.10
PL CMAP (mV)	4.60 ± 0.55	4.22 ± 0.75	4.80 ± 0.58
PL H wave Lat (ms)	6.92 ± 0.40	7.51 ± 0.36	6.52 ± 0.21
PL H/M ratio (%)	32.1 ± 3.6	28.0 ± 8.8	17.8 ± 3.3
DgN Lat (ms)	1.39 ± 0.06	1.29 ± 0.07	1.32 ± 0.05
DgN CNAP (µV)	29.1 ± 1.8	31.0 ± 5.4	32.0 ± 4.7
Weight (g)	29.7 ± 0.7	25.1 ± 1.3	27.8 ± 0.9

TA, tibialis anterior muscle; PL, plantar interosseus muscle; DgN, 4th digital nerve; Lat, latency at the peak of the wave; CMAP, compound muscle action potential; CNAP, compound nerve action potential; MUNE, motor unit number estimation; SMUA, singer motor unit amplitude.

Statistical comparisons between groups were performed with one-way ANOVA (Bonferroni's *post hoc* test); no significant differences were found.