CORRECTION



Correction to: Profiling age-related muscle weakness and wasting: neuromuscular junction transmission as a driver of age-related physical decline

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The original version of this article unfortunately contained a mistake.

The Figure 1 image and legend were published erroneously.

The corrected Figure 1 and legend are shown in the next page.

The original article can be found online at https://doi.org/10.1007/s11357-021-00369-3.

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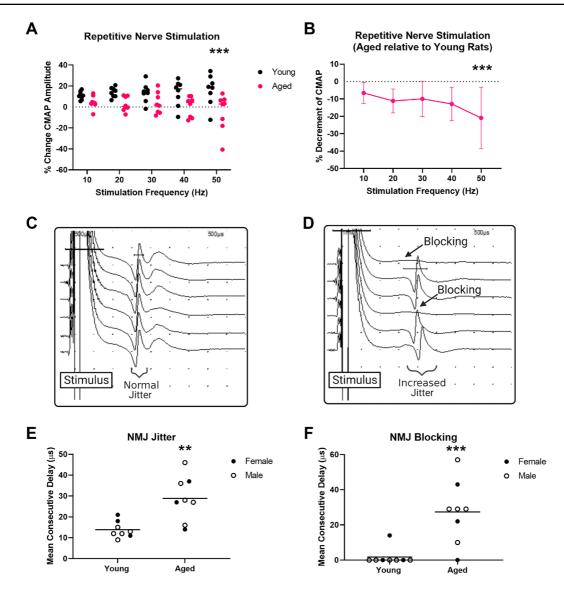


Fig. 1 Aged rats demonstrate significant deficits in neuromuscular junction transmission a-b. Repetitive nerve stimulation demonstrated significant reduction of compound muscle action potential (CMAP) amplitudes in aged versus young rats during trains of 10 stimuli delivered at 10, 20, 30, 40, and 50 Hz. (a: absolute in aged and young rats. b. aged shown relative to young). (Repeat measure two-way ANOVA: frequency: p = 0.6070, age: p = 0.0099, interaction: age X frequency: p = 0.0695; Sidak's multiple comparisons demonstrates significantly reduced amplitudes at 50 Hz stimulation in aged versus young rats, adjusted p = 0.0007) c. Representative single fiber electromyography traces showing single muscle fiber action potentials recorded from a healthy synapse with no

blocking and normal jitter (Scale: amplitude: $0.5~{\rm mV/division}$ and $500~{\rm \mu s/division}$). **d**. Representative single fiber electromyography traces showing single muscle fiber action potentials recorded from a failing synapse with evidence of action potential blocking and increased jitter (Scale: amplitude: $1~{\rm mV/division}$) and $500~{\rm \mu s/division}$). **e**. NMJ jitter on single fiber electromyography showed increased variability of transmission (jitter) in aged versus young rats (t-test: p=0.0023). **f**. NMJ % blocking on single fiber electromyography was increased in aged versus young rats (Mann Whitney test: p=0.0025). Young rats, n=8 (3 females, 5 males) and aged rats, n=8 (3 females, 5 males). ** p<0.01, *** p<0.001

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