

Electronic Supplementary Material

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Damaged Mitochondria Coincide with Presynaptic Vesicle Loss and Abnormalities in Alzheimer's Disease Brain

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Online Resource 1. Direct comparison of the mitochondria changes in the presynapse, post synaptic dendritic spines, and neuronal cell bodies. In AD, all 3 compartments have fewer mitochondria than the control cases, but only in neurons is this significant (A). Also, only in neurons, is the aspect ratio significantly decreased (B). However, the mean mitochondrial size is 2-3 fold higher in both the neurons and dendritic spines in the AD cases (C). The numbers of damaged mitochondria is a feature of all three compartments (D).

