

Supplementary Table 1. Spearman's rank-order correlation between pathological proteins and activated microglia.

Region		α -Synuclein		Tau		Amyloid- β	
		Rho	<i>p</i>	Rho	<i>p</i>	Rho	<i>p</i>
Amygdala (n=24)	Microglia	0.448	0.028*	0.165	0.442	0.282	0.182
Hippocampus (n=22)		0.410	0.052	-0.020	0.929	-0.027	0.907
Entorhinal cortex (n=23)		0.360	0.091	0.193	0.376	-0.287	0.195
Occipitotemporal cortex (n=22)		0.362	0.098	0.210	0.348	0.305	0.178
Prefrontal cortex (n=22)		-0.043	0.849	0.240	0.281	-0.173	0.441
Posterior parietal cortex (n=28)		0.085	0.668	0.471	0.013*	0.340	0.077

Rho: Spearman's correlation coefficient. * $p < 0.05$.