

Supplementary Table 7. CSF IFN γ positively correlated with the Unified Parkinson's Disease Rating Score (UPDRS) components, and serum IL-8 positively correlated with Activities of Daily Living Score (ADLS) at Time 0 in PD subjects.

	UPDRS Total Score		Mentation, Behavior, & Mood		Activities of Daily Living		Motor Examination		Complication of Therapy		Years since diagnosis	
	R ²	p value	R ²	p value	R ²	p value	R ²	p value	R ²	p value	R ²	p value
Serum Analyte												
IL-6	0.15	0.21	0.27	0.08	0.05	0.49	0.08	0.39	0.28	0.08	0.03	0.58
IL-8	0.26	0.09	0.02	0.69	0.35	0.04	0.11	0.30	0.26	0.09	0.03	0.60
IFN γ	0.005	0.82	0.01	0.76	0.002	0.90	0.03	0.56	0.003	0.87	0.002	0.89
TNF	0.08	0.37	0.05	0.49	0.04	0.52	0.12	0.26	0.04	0.52	0.008	0.78
NGAL	0.02	0.69	0.0002	0.96	0.04	0.52	0.01	0.74	0.08	0.37	0.07	0.41
CRP	0.008	0.79	0.0004	0.95	0.07	0.42	0.0008	0.93	0.008	0.78	0.02	0.67
CSF Analyte												
IL-6	0.02	0.66	0.08	0.39	0.0002	0.96	0.004	0.85	0.09	0.35	0.16	0.20
IL-8	0.05	0.49	0.06	0.45	0.09	0.35	0.04	0.51	0.0003	0.96	0.003	0.86
IFN γ	0.57	0.004	0.22	0.12	0.60	0.003	0.27	0.09	0.57	0.005	0.03	0.61
TNF	0.14	0.24	0.16	0.20	0.15	0.22	0.008	0.78	0.23	0.11	0.00003	0.99
NGAL	0.02	0.64	0.004	0.85	0.003	0.86	0.02	0.69	0.17	0.18	0.007	0.80
CRP	0.007	0.79	0.0004	0.95	0.05	0.51	0.00006	0.98	0.0002	0.97	0.01	0.68