

Supplementary Table 4. Changes in immune cell populations associated with age.

	Control		PD-0yr		PD-1yr		PD-2yr	
	<i>P</i>	<i>r</i>	<i>P</i>	<i>r</i>	<i>P</i>	<i>r</i>	<i>P</i>	<i>r</i>
Effector CD4 T cells CD4+CD25-CD127-	0.295	0.253	0.810	0.046	0.004**	0.599	0.578	-0.201
Naive/central memory CD4 T cells CD4+CD25-CD127+	0.184	0.253	0.703	-0.072	0.039*	-0.453	0.210	0.434
Plasma cells CD19-CD138+CD38+	0.071	-0.411	0.012*	0.461	0.754	-0.075	0.957	-0.019

Correlation between age and cell population levels. PD-0yr (untreated Parkinson's disease patients), PD-1yr (patients treated for one year), PD-2yr (patients treated for two years).  $P < 0.05$  (\*);  $P < 0.005$  (\*\*).