

Alzheimer's disease		Parkinson's disease	
IL-12	cytotoxic, antiangiogenic, ↑CD8 ⁺ CTL, ↑NK cells, ↑Th1, ↑IFN γ , ↑TNF α	IL-10	↑B cells, ↓Th1, ↓MHC-II, ↓TNF α , ↓IL-1 β , ↓IL-12, ↓IFN γ
IL-18	↓IgE & IgG1, ↑IgG2a, ↑IFN γ	IL-2	↓ IL-15, ↑IL-12
IFN γ	↑MHC-I & MHC-II, ↑Th1, ↓Th2, ↑NK cells, ↑IgG2a & IgG3, ↑adhesion & migration of leukocytes	CRP	↑complement system
IL-6	↓TNF α , ↑Th17, ↑IL-1RA, ↑IL-10, BBB crosses , memory consolidation	IL-6	↓TNF α , ↑Th17, ↑IL-1RA, ↑IL-10, BBB crosses, memory consolidation
IL-1 β	↑COX2	IL-1 β	↑COX2
TNF α	inflammation	TNF α	inflammation

Table S1. Summary of key published results related to the similarities and differences between AD and PD in cytokine expression and their effects on the immune and other processes. Similar effects for AD and PD are allocated in cells filled with grey color.