

Supplementary Tables

Supplementary Table 1: Serum Cytokine/Chemokine Multiplex ELISA: ANOVA Results.

<u>Cytokine/Chemokine</u>	<u>F-Ratio</u>	<u>P-Value</u>	<u>MCI Effect</u>	<u>AD Effect</u>
basic-FGF	2.94	<i>0.064</i>		Dec
Eotaxin	6.77	0.003	Inc	Inc
G-CSF	1.038	N.S.		
GM-CSF	19.69	<0.0001	Dec	Dec
IFN- γ	0.115	N.S.		
IL-10	0.646	N.S.		
IL-12p70	0.022	N.S.		
IL-13	8.32	0.0009	Inc (Inc)	Inc
IL-15	24.93	<0.0001	Dec	Dec
IL-17a	19.48	<0.0001	Inc	Inc
IL-1 β	3.211	<i>0.051</i>	<i>Inc</i>	<i>Inc</i>
IL-1 α	0.368	N.S.		
IL-2	17.19	<0.0001	Dec	Dec
IL-4	65.27	<0.0001	Inc	Inc
IL-5	110.18	<0.0001	Inc	Inc
IL-6	2.107	N.S.		
IL-7	0.388	N.S.		
IL-8	1.046	N.S.		
IL-9	1.235	N.S.		
IP-10	2.605	<i>0.087</i>	<i>Dec</i>	<i>Dec</i>
MCP-1	3.07	0.058	<i>Dec</i>	Dec
MIP-1 α	3.834	0.03	<i>Inc</i>	Inc
MIP-1 β	0.86	N.S.		
PDGF-bb	33.7	<0.0001	Inc	Inc
RANTES	10.8	0.0002	Inc	Inc
TNF- α	8.639	0.0008	Inc	Inc
VEGF	0.494	N.S.		

Multiplex Bead-based ELISA results from assay of serum from 21 controls, 8 subjects with MCI, and 10 subjects with AD. See Table 1 for cytokine full names and functions. Data were analyzed by one-way repeated measures ANOVA with the post hoc Tukey-Kramer Multiple Comparison Test of significance. F-Ratios and significant P-values ($P < 0.05$) are in bold font, whereas statistical trends ($0.05 < P < 0.10$) are italicized. Significant post hoc differences and directional changes (Inc or Dec) from control are indicated. A significant difference between the MCI and AD groups was detected for IL-13; the levels in MCI were higher.

Supplementary Table 2: CSF Cytokine/Chemokine Multiplex ELISA: ANOVA Results

<u>Cytokine/Chemokine</u>	<u>F-Ratio</u>	<u>P-Value</u>	<u>MCI Effect</u>	<u>AD Effect</u>
basic-FGF	8.44	0.0093	Dec	Dec
Eotaxin	0.287	N.S.		
G-CSF	0.563	N.S.		
GM-CSF	56.88	<0.0001	Dec	Dec
IFN- γ	2.242	N.S.		
IL-10	0.537	N.S.		
IL-12p70	0.734	N.S.		
IL-13	3.323	0.046		Inc
IL-15	0.984	N.S.		
IL-17a	9.431	0.0005	Dec	Dec
IL-1 β	0.068	N.S.		
IL-1 α	0.164	N.S.		
IL-2	0.076	N.S.		
IL-4	1.271	N.S.		
IL-5	4.333	0.02	Inc	Inc
IL-6	1.249	N.S.		
IL-7	3.148	<i>0.054</i>	Inc	
IL-8	0.42	N.S.		
IL-9	1.728	N.S.		
IP-10	1.043	N.S.		
MCP-1	1.336	N.S.		
MIP-1 α	0.749	N.S.		
MIP-1 β	1.069	N.S.		
PDGF-bb	10.15	0.0003	Dec	Dec
RANTES	0.422	N.S.		
TNF- α	1.318	N.S.		
VEGF	37.06	<0.0001	Dec	Dec

Multiplex Bead-based ELISA results from assay of CSF from 21 controls, 8 subjects with MCI, and 10 subjects with AD. See Table 1 for cytokine full names and functions. Data were analyzed by one-way repeated measures ANOVA with the post hoc Tukey-Kramer Multiple Comparison Test of significance. F-Ratios and significant P-values ($P < 0.05$) are in bold font, whereas statistical trends ($0.05 < P < 0.10$) are italicized. Significant post hoc differences and directional changes (Inc or Dec) from control are indicated. There were no significant differences between the MCI and AD groups.