

**Table S3 Correlations of cytokines in CSF with serum level, CSF WBC, albumin ratio and KYN/TRP ratio**

Cytokine/chemokine	Serum level	CSF WBC	Albumin ratio	KYN/TRP ratio in CSF
	(n=36)	(n=41)	(n=34)	(n=28)
TNF	<b>0.37(0.03)</b>	<b>0.65(&lt;0.001)</b>	<b>0.48(0.004)</b>	<b>0.54(0.003)</b>
IL-1b	0.24(0.17)	<b>0.65(&lt;0.001)</b>	<b>0.50(0.003)</b>	<b>0.54(0.003)</b>
IL-1Ra	<b>0.35(0.03)</b>	<b>0.63(&lt;0.001)</b>	<b>0.52(0.002)</b>	<b>0.64(&lt;0.001)</b>
IL-4	0.18(0.30)	<b>0.57(&lt;0.001)</b>	<b>0.44(0.009)</b>	<b>0.53(0.004)</b>
IL-6	<b>0.47(0.004)</b>	<b>0.67(&lt;0.001)</b>	<b>0.50(0.003)</b>	<b>0.48(0.011)</b>
IL-8	0.17(0.33)	<b>0.48(0.001)</b>	<b>0.50(0.002)</b>	<b>0.47(0.013)</b>
IL-9	0.13(0.45)	<b>0.36(0.02)</b>	<b>0.45(0.007)</b>	<b>0.58(0.001)</b>
IL-10	0.09(0.62)	<b>0.62(&lt;0.001)</b>	<b>0.49(0.003)</b>	<b>0.70(&lt;0.001)</b>
IL-12p70	-0.04(0.82)	<b>0.62(&lt;0.001)</b>	<b>0.56(0.001)</b>	<b>0.50(0.007)</b>
IL-13	0.12(0.51)	<b>0.34(0.03)</b>	<b>0.42(0.01)</b>	<b>0.42(0.026)</b>
IL-17A	0.03(0.87)	<b>0.46(0.003)</b>	<b>0.35(0.04)</b>	<b>0.55(0.002)</b>
MCP-1	<b>0.35(0.04)</b>	0.11(0.50)	0.30(0.08)	0.07(0.73)
MIP-1 $\alpha$	0.22(0.20)	<b>0.59(&lt;0.001)</b>	<b>0.53(0.001)</b>	<b>0.55(0.003)</b>
MIP-1 $\beta$	0.11(0.51)	<b>0.35(0.03)</b>	<b>0.37(0.03)</b>	<b>0.46(0.014)</b>
IP-10	0.05(0.76)	<b>0.33(0.04)</b>	0.25(0.16)	<b>0.70(&lt;0.001)</b>
VEGF	0.03(0.88)	<b>0.53(&lt;0.001)</b>	<b>0.50(0.003)</b>	<b>0.42(0.026)</b>
Eotaxin	0.32(0.06)	<b>0.64(&lt;0.001)</b>	<b>0.48(0.004)</b>	<b>0.53(0.004)</b>

Data are Spearman rank correlation coefficients (Rho (p-value) for patients with CNS infection of measurable cytokines and chemokines in CSF with serum level of same metabolite, CSF white blood cell count (CSF WBC), albumin ratio (CSF albumin/serum albumin) and KYN/TRP ratio (as an expression of IDO activity in the kynurene pathway).