Supplemental Table 1. Correlations between TLR-induced cytokine levels and clinical data

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **Age of controls** | **Age of Patients** | **Disease duration** | **UPDRS** |
| **TNF** |  |  |  |  |
| TLR4 activationa | r = -0.17p = 0.47 | r = 0.17p = 0.46 | r = -0.46p < 0.05 | r = -0.15p = 0.52 |
| TLR2 activationb | r = 0.16p = 0.49 | r = -0.08p = 0.73 | r = 0.23p = 0.31 | r = 0.08p = 0.74 |
| TLR7/8 activationc | r = 0.10p = 0.67 | r = -0.06p = 0.80 | r = 0.34p = 0.14 | r = -0.18p = 0.44 |
| **IL-1** |  |  |  |  |
| TLR4 activation | r = 0.06p = 0.78 | r = -0.003p = 0.98 | r = -0.16p = 0.48 | r = 0.05p = 0.84 |
| TLR2 activation | r = 0.12p = 0.59 | r = -0.15p = 0.51 | r = 0.17p = 0.46 | r = 0.31p = 0.17 |
| TLR7/8 activation | r = 0.08p = 0.74 | r = -0.05p = 0.83 | r = 0.49p < 0.05 | r = 0.04p = 0.86 |
| **IL-6** |  |  |  |  |
| TLR4 activation | r = -0.07p = 0.75 | r = -0.02p = 0.91 | r = -0.68p< 0.001 | r = -0.25p = 0.28 |
| TLR2 activation | r = 0.12p = 0.59 | r = -0.17p = 0.46 | r = -0.15p = 0.52 | r = -0.004p = 0.98 |
| TLR7/8 activation | r = 0.06p = 0.80 | r = 0.03p = 0.91 | r = 0.45p < 0.05 | r = -0.04p = 0.87 |
| **IL-12p70** |  |  |  |  |
| TLR4 activation | r = -0.12p = 0.60 | r = 0.09p = 0.69 | r = -0.40p = 0.07 | r = -0.29p = 0.20 |
| TLR2 activation | NDd | ND | ND | ND |
| TLR7/8 activation | r = 0.16p = 0.50 | r = -0.06p = 0.81 | r = 0.11p = 0.66 | r = -0.15p = 0.54 |
| **IL-10** |  |  |  |  |
| TLR4 activation | r = 0.14p = 0.55 | r = 0.23p = 0.32 | r = -0.17p = 0.47 | r = -0.23p = 0.31 |
| TLR2 activation | r = 0.16p = 0.50 | r = -0.26p = 0.26 | r = 0.08p = 0.72 | r = -0.12p = 0.61 |
| TLR7/8 activation | r = 0.05p = 0.83 | r = 0.04p = 0.88 | r = 0.18p = 0.44 | r = -0.19p = 0.41 |

Concentrations of cytokines (pg/mL) *versus* each parameter by Spearman correlation test. aLPS (100 ng/mL); bPam3Cys (100 ng/mL); cR848 (100 ng/mL), 24 h of whole blood cultures. dND: not detected