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

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