

**S5 Table: Cytokine levels at admission and correlation to BMI (as continuous variable).**

|                                                   | correlation to BMI |         |
|---------------------------------------------------|--------------------|---------|
|                                                   | r Kendall          | p value |
| Eotaxin                                           | -0.10              | 0.357   |
| FGF2                                              | -0.04              | 0.729   |
| G-CSF                                             | 0.10               | 0.329   |
| GM-CSF                                            | -0.06              | 0.573   |
| HO1                                               | 0.08               | 0.474   |
| IFNg                                              | 0.04               | 0.719   |
| IL-10                                             | 0.07               | 0.508   |
| IL-12                                             | -0.01              | 0.957   |
| IL-13                                             | -0.02              | 0.845   |
| IL-15                                             | -0.08              | 0.450   |
| IL-17A                                            | 0.00               | 0.965   |
| IL-1B                                             | -0.03              | 0.770   |
| IL1-RA                                            | 0.00               | 0.965   |
| IL-2                                              | 0.05               | 0.672   |
| IL-4                                              | 0.04               | 0.729   |
| IL-5                                              | -0.09              | 0.409   |
| IL-6                                              | 0.02               | 0.871   |
| IL-7                                              | -0.01              | 0.922   |
| IL-8                                              | 0.10               | 0.374   |
| IL-9                                              | 0.10               | 0.363   |
| IP10                                              | -0.10              | 0.357   |
| MCP1                                              | 0.09               | 0.392   |
| MIP1a                                             | 0.12               | 0.260   |
| MIP1b                                             | 0.06               | 0.588   |
| Neopterin                                         | 0.02               | 0.875   |
| PDGFB                                             | 0.09               | 0.429   |
| RANTES                                            | 0.19               | 0.070   |
| sIL-2R*                                           | 0.22               | 0.042   |
| TNF                                               | 0.03               | 0.770   |
| VEGFA                                             | -0.08              | 0.491   |
| *p=0.965 after adjutement<br>for multiple testing |                    |         |