**Table 3. The plasma level of pro-inflammation cytokines between NC and AD.**

|  |  |  |  |
| --- | --- | --- | --- |
|  | NC  (n =45 ) | AD  (n =37) | *P* value |
| Age (years) | 72.1 ± 9.0 | 72.9 ± 6.0 | 0.6740 |
| Men/Female | 21/24 | 14/23 | 0.4275 |
| APOE ε4 carrier (%) | 0 | 32.4 | <0.0001 |
| IL-1β (pg/ml) | 21.4 ± 8.4 | 23.1 ± 10.8 | 0.3884 |
| IL-6 (pg/ml) | 0.8 ± 1.6 | 1.6 ± 1.5 | 0.0237 |
| IL-18 (pg/ml) | 64.4 ± 53.0 | 193.5 ± 200.6 | <0.0001 |
| IL-23 (pg/ml) | 9.7 ± 3.2 | 10.5 ± 8.9 | 0.5867 |
| IL-33 (pg/ml) | 4.4 ± 0.8 | 4.9 ± 0.3 | 0.0005 |
| TNF-α (pg/ml) | 13.8 ± 8.1 | 14.5 ± 18.9 | 0.9342 |
| COX-2 (ng/ml) | 0.5 ± 0.06 | 0.7 ± 0.7 | 0.0453 |

Data are expressed as percentages or mean ± SD.