

Supplementary Material - Table S1.– The concentrations of IL-6, IL-8, IL-10, TNF- α , CRP, and S100B in the serum and plasma

| | | OSA group (n=52) | Control group (n=28) | Effect size <i>Hedges' g</i> |
|---------------|--|---|--|---|
| Serum | IL-6 [pg/ml] | 2.29; <1.5-58.6 (1.5-6.36) | <1.5; <1.5-10.2 (<1.5-<1.5) | 0.52 |
| | IL-8 [pg/ml] | 8.83; 1.87-38.9 (6.81-11.2) | 6.72; 2.07-20.6 (4.6-11.3) | 0.61 |
| | IL-10 [pg/ml] | <1.43; 0.71-104 (<1.43-10.5) | <1.43; <1.43-12.3 (<1.43-2.13) | 0.57 |
| | CRP [pg/ml] | 1.7; <1-118 (<1-3.9) | <1; <1-5 (<1-<1) | 0.44 |
| | TNF-α [pg/ml] | 3.72; 1.48-8.77 (2.82-4.74) | 2.82; 0.62-12.3 (2.04-4.16) | 0.36 |
| | S100B [pg/ml] | 0.045; 0.02-0.203 (0.035-0.058) | 0.038; 0.017-0.081 (0.03-0.049) | 0.36 |
| Plasma | IL-6 [pg/ml] | <1.5; <1.5-24.5 (<1.5-4.17) | <1.5; <1.5-20.9 (<1.5-1.54) | 0.16 |
| | IL-8 [pg/ml] | 4.8; <1.23-14 (3.51-6.63) | 2.84; <1.23-9.65 (1.71-4.8) | 0.82 |
| | IL-10 [pg/ml] | <1.43; <1.43-7.38 (<1.43-1.44) | <1.43; <1.43-1.63 (<1.43-1.43) | 0.54 |
| | CRP [pg/ml] | 1.6; <1-114 (<1-3.3) | <1; <1-4.9 (<1-<1) | 0.37 |
| | TNF-α [pg/ml] | 3.21; <2.09-8.9 (2.66-5.16) | <2.09; <2.09-5.51 (<2.09-3.68) | 0.46 |
| | S100B [pg/ml] | <0.005; <0.005-0.049 (<0.005 <0.005) | <0.005; <0.005-0.006 (<0.005- <0.005) | 0.20 |

Values are presented as median; minimum-maximum (Interquartile range). **Values represented with the "<" sign indicate the detection threshold of studied biomarkers.** Abbreviations: IL-6, Interleukin-6; IL-8, Interleukin-8; IL-10, Interleukin-10; CRP, C-reactive protein; TNF, Tumor Necrosis Factor; S100B, S100 calcium-binding protein B; OSA, Obstructive Sleep Apnea.