

Supplementary Table 1: 24 Hour Blood Pressure Monitoring – Excluding Hypertensive Subjects

CHARACTERISTICS	SLE (n =14)	CONTROLS (n =24)	P – value
Office SBP mm Hg	117 (107 – 128)	121 (117 – 127)	0.28
Office DBP mm Hg	71 (66 – 88)	79 (71 – 86)	0.17
24h Systolic BP	116 (107 – 130)	116 (110 – 121)	0.79
24h Diastolic BP	73 (68 – 82)	71 (64 – 75)	0.21
Awake Systolic BP	117 (112 – 134)	119 (115 – 125)	0.90
Awake Diastolic BP	76 (69 – 89)	75 (69 – 79)	0.39
Sleep Systolic BP	106 (98 – 123)	104 (97 – 111)	0.33
Sleep Diastolic BP	64 (56 – 69)	58 (52 – 66)	0.17
Percent nocturnal dip %	7.8 (5.6-12.9)	12.0 (8.0-18.8)	0.09
Non-Dipper	7 (50.0)	9 (45.0)	1.0

SBP: systolic blood pressure, DBP: diastolic blood pressure, non-dipper defined as subjects with < 10% nocturnal dip.

Supplemental Table 2: Biomarkers in Olink Inflammation Panel with Abbreviations

Adenosine Deaminase (ADA)

Artemin (ARTN)

Axin-1 (AXIN1)

Beta-nerve growth factor (Beta-NGF)

C-C motif chemokine 19 (CCL19)

C-C motif chemokine 20 (CCL20)

C-C motif chemokine 23 (CCL23)

C-C motif chemokine 25 (CCL25)

C-C motif chemokine 28 (CCL28)

C-C motif chemokine 3 (CCL3)

C-C motif chemokine 4 (CCL4)

C-X-C motif chemokine 1 (CXCL1)

C-X-C motif chemokine 10 (CXCL10)

C-X-C motif chemokine 11 (CXCL11)

C-X-C motif chemokine 5 (CXCL5)

C-X-C motif chemokine 6 (CXCL6)

C-X-C motif chemokine 9 (CXCL9)

Caspase-8 (CASP-8)

CD40L receptor (CD40)

CUB domain-containing protein 1 (CDCP1)

Cystatin D (CST5)

Delta and Notch-like epidermal growth factor-related receptor (DNER)

Eotaxin (CCL11)

Eukaryotic translation initiation factor 4E-binding protein 1 (4E-BP1)

Fibroblast growth factor 19 (FGF-19)

Fibroblast growth factor 21 (FGF21)

Fibroblast growth factor 23 (FGF-23)

Fibroblast growth factor 5 (FGF-5)

Fms-related tyrosine kinase 3 ligand (Flt3L)

Fractalkine (CX3CL1)

Glial cell line-derived neurotrophic factor (GDNF)

Hepatocyte growth factor (HGF)

Interferon gamma (IFN-gamma)

Interleukin-1 alpha (IL-1 alpha)

Interleukin-10 (IL10)

Interleukin-10 receptor subunit alpha (IL-10RA)

Interleukin-10 receptor subunit beta (IL-10RB)

Interleukin-12 subunit beta (IL-12B)

Interleukin-13 (IL-13)

Interleukin-15 receptor subunit alpha (IL-15RA)

Interleukin-17A (IL-17A)

Interleukin-17C (IL-17C)

Interleukin-18 (IL-18)

Interleukin-18 receptor 1 (IL-18R1)

Interleukin-2 (IL-2)

Interleukin-2 receptor subunit beta (IL-2RB)

Interleukin-20 (IL-20)

Interleukin-20 receptor subunit alpha (IL-20RA)

Interleukin-22 receptor subunit alpha-1 (IL-22 RA1)

Interleukin-24 (IL-24)

Interleukin-33 (IL-33)

Interleukin-4 (IL-4)

Interleukin-5 (IL5)

Interleukin-6 (IL6)

Interleukin-7 (IL-7)

Interleukin-8 (IL-8)

Latency-associated peptide transforming growth factor beta-1 (LAP TGF-beta-1)

Leukemia inhibitory factor (LIF)

Leukemia inhibitory factor receptor (LIF-R)

Macrophage colony-stimulating factor 1 (CSF-1)

Matrix metalloproteinase-1 (MMP-1)

Matrix metalloproteinase-10 (MMP-10)

Monocyte chemotactic protein 1 (MCP-1)

Monocyte chemotactic protein 2 (MCP-2)

Monocyte chemotactic protein 3 (MCP-3)

Monocyte chemotactic protein 4 (MCP-4)

Natural killer cell receptor 2B4 (CD244)

Neurotrophin-3 (NT-3)

Neurturin (NRTN)

Oncostatin-M (OSM)

Osteoprotegerin (OPG)

Programmed cell death 1 ligand 1 (PD-L1)

Protein S100-A12 (EN-RAGE)

Signaling lymphocytic activation molecule (SLAMF1)

SIR2-like protein 2 (SIRT2)

STAM-binding protein (STAMBP)

Stem cell factor (SCF)

Sulfotransferase 1A1 (ST1A1)

T cell surface glycoprotein CD6 isoform (CD6)

T-cell surface glycoprotein CD5 (CD5)

T-cell surface glycoprotein CD8 alpha chain (CD8A)

Thymic stromal lymphopoietin (TSLP)

TNF-beta (TNFB)

TNF-related activation-induced cytokine (TRANCE)

TNF-related apoptosis-inducing ligand (TRAIL)

Transforming growth factor alpha (TGF-alpha)

Tumor necrosis factor (Ligand) superfamily, member 12 (TWEAK)

Tumor necrosis factor (TNF)

Tumor necrosis factor ligand superfamily member 14 (TNFSF14)

Tumor necrosis factor receptor superfamily member 9 (TNFRSF9)

Urokinase-type plasminogen activator (uPA)

Vascular endothelial growth factor A (VEGF-A)