

Supplementary Information (SI)

Table S3. Qualitative data of physiological parameters and sleep quality of depressive (MD: n = 30; TRD: n = 28) and controls groups (CG1: n = 32; CG2: n = 30).

	CAR (cm ³)	SC (μg/dL)	mBDNF (pg/mL)	CRP (mg/L)
MD	μ = 3215.84 ± 466.93 μ = 3.30 ± 0.08*	μ = 431.09 ± 42.87 μ = 2.59 ± 0.03*	μ = 1489.84 ± 143.70	-
CG1	μ = 844.76 ± 165.92 μ = 2.79 ± 0.05*	μ = 264.80 ± 39.43 μ = 2.31 ± 0.05*	μ = 1833.32 ± 148.43	-
TRD	μ = 563.49 ± 100.67 μ = 2.58 ± 0.07*	μ = 151.24 ± 12.69 μ = 2.13 ± 0.03*	μ = 2519.40 ± 125.34	M = 3.10 Q25% = 0.53 Q75% = 5.35
CG2	μ = 600.06 ± 34.00 μ = 2.75 ± 0.02*	μ = 229.47 ± 26.75 μ = 2.28 ± 0.04*	μ = 2084.02 ± 105.33	M = 1.16 Q25% = 0.4 Q75% = 1.20

CAR: cortisol awakening response; SC: total serum cortisol; mBDNF: mature brain-derived neurotrophic factor; PSQI: Pittsburgh sleep quality index; CRP: C-reactive protein; MD: first episode depressive; CG1: control group 1; TRD: treatment-resistant major depression; CG2: control group 2. * mean of logarithmic.