

Table S8. Correlation analyses between the serum levels of adiponectin and clinical and laboratory parameters, separately for HVs and patients with MS.

Variable	Adiponectin (µg/mL)			
	HV (N=65)		MS (N=65)	
	r	p	r	p
Age (years)	0.09	0.4635	0.04	0.7370
BMI (kg/m ²)	-0.31	0.0112	-0.09	0.4803
WC (cm)	-0.50	<0.0001	-0.18	0.1474
MAP (mm Hg)	0.05	0.7130	0.09	0.4683
MetSSS	-0.60	<0.0001	-0.28	0.0217
Protein (g/L)	-0.25	0.0457	-0.13	0.2953
Albumin (g/L)	-0.34	0.0061	-0.13	0.2909
Glucose (mmol/L)	-0.05	0.6743	-0.10	0.4326
CRP (µg/mL)	-0.16	0.2046	-0.06	0.6458
IL-6 (pg/mL)	-0.13	0.3117	0.13	0.2997
Bilirubin (µmol/L)	-0.13	0.2908	-0.13	0.3084
AST (U/L)	-0.19	0.1298	-0.11	0.3973
ALT (U/L)	-0.33	0.0075	-0.17	0.1750
AP (U/L)	0.03	0.8321	0.16	0.2174
GGT (U/L)	-0.48	0.0001	-0.35	0.0039
LDH (U/L)	0.09	0.5002	0.17	0.1872
Urea (mmol/L)	-0.18	0.1412	0.00	0.9747
Urate (µmol/L)	-0.43	0.0004	-0.37	0.0024
Creatinine (µmol/L)	-0.37	0.0026	-0.30	0.0170
eGFR (mL/min/1.73 m ²)	0.01	0.9179	0.04	0.7754

Spearman correlation analyses were used to evaluate associations of the serum levels of adiponectin with clinical and laboratory parameters. *p*-values < 0.05 are considered statistically significant and are depicted in bold. ALT, alanine aminotransferase; AP, alkaline phosphatase; AST, aspartate aminotransferase; BMI, body mass index; CK, creatine kinase; CRP, C-reactive protein; eGFR, estimated glomerular filtration rate; GGT, gamma-glutamyl transpeptidase; HV, healthy volunteer; IL-6, interleukin 6; LDH, lactate dehydrogenase; MAP, mean arterial pressure; MetSSS, metabolic syndrome severity score; MS, metabolic syndrome patient; U, unit; WC, waist circumference.