

Table 1 Clinical characteristics and laboratory data of the study groups: healthy controls, patients with diabetes, diabetic nephropathy (DN) and end-stage renal disease (ESRD) before haemodialysis

Variable	Controls (n = 15) Mean (SD)	Diabetes (n = 17) Mean (SD)	DN (n = 22) Mean (SD)	ESRD (n = 19) Mean (SD)
No. of subjects (males/females)	15 (4/11)	17 (7/10)	22 (8/14)	19 (6/13)
Age (years)	39.6 (15.3)	47.9 (8.9)	55.9 (9.3)	52.8 (8.8)
Serum albumin (g/dL)	3.7 (0.4)	3.3 (0.5)	2.8 (0.5) ^{b,d}	3.0 (0.5) ^b
Serum creatinine (mg/dL)	1.0 (0.2)	1.1 (0.3)	2.1 (1.0)	7.6 (2.5) ^{c,f,h}
Serum urea (mg/dL)	28.9 (6.7)	30.6 (11.7)	70.7 (37.9) ^{b,e}	132.6 (45.1) ^{c,f,h}
Fasting blood glucose (mg/dL)	94.6 (13.5)	182.1 (57.7) ^c	149.9 (37.6) ^c	137.5 (30.0) ^{a,f}
Postprandial blood glucose (mg/dL)	120.3 (111.7)	233.6 (74.3) ^c	215.2 (67.6) ^b	166.6 (23.3) ^d
Serum total cholesterol (mg/dL)	190.3 (29.4)	210.9 (38.9)	241.9 (28.7) ^{b,d}	212.3 (28.5) ^g
Serum triglycerides (mg/dL)	114.4 (23.1)	279.2 (32.4) ^c	275.7 (28.1) ^c	163.6 (60.0) ^{b,f,h}
Serum HDL-C (mg/dL)	43.5 (7.9)	32.1 (8.0) ^b	32.9 (8.9) ^b	30.4 (7.8) ^b
Serum LDL-C (mg/dL)	80.8 (24.12)	143.5 (41.9) ^c	147.8 (42.7) ^c	89.9 (23.7) ^{f,h}

^aP < 0.05, ^bP < 0.01, ^cP < 0.001 versus control group; ^dP < 0.05, ^eP < 0.01, ^fP < 0.001 versus diabetic group;

^gP < 0.05, ^hP < 0.001 versus DN group.

SD = standard deviation.

HDL-C = high-density lipoprotein cholesterol; LDL-C = low-density lipoprotein cholesterol.