

## Supplementary

**Table S1** The baseline clinical characteristics in 133 DN patients

Variable	ESRD	Non-ESRD	P value
Case number	58	75	–
Gender, male, n (%)	39 (67.24)	47 (62.66)	0.58
Age (years)	51±9	53±11	0.51
Known duration of diabetes, median (IQR) (years)	9.0 (2.75, 10.25)	8.0 (4.0, 15.0)	0.24
Duration of follow-up, median (IQR) (months)	17.5 (9.75, 32.0)	24.0 (15.0, 45.0)	0.01
Systolic blood pressure (mmHg)	143±16	143±17	0.97
Diastolic blood pressure (mmHg)	86±10	82±12	0.06
Hemoglobin (g/L)	99.57±19.11	111.24±17.85	<0.01
HbA1c (%)	7.31±2.08	7.93±2.04	0.12
Serum albumin (g/L)	29.86±6.42	34.82±6.25	<0.01
Triglycerides (mmol/L)	1.73±1.05	2.20±1.46	0.04
Low-density lipoprotein (mmol/L)	2.83±1.28	2.94±1.36	0.64
High-density lipoprotein (mmol/L)	1.21±0.46	1.11±0.34	0.14
Urinary protein (g/gCr)	5.34±2.91	3.46±2.45	<0.01
Serum creatinine (μmol/L)	142.39±66.29	120.32±48.62	0.02
Serum urea nitrogen (mmol/L)	9.46±3.55	8.71±3.99	0.26
eGFR (mL/min/1.73 m <sup>2</sup> )	54.64±24.64	63.45±27.61	0.05
CRP, median (IQR) (mg/L)	2.50 (1.40, 4.00)	2.20 (1.40, 3.30)	0.34
ACEI/ARB use, n (%)	37 (63.79)	56 (74.66)	0.17
CCB use, n (%)	38 (65.51)	48 (64.00)	0.31
Insulin use, n (%)	46 (79.31)	55 (73.33)	0.42

DN, diabetic nephropathy; ESRD, end-stage renal disease; IQR, interquartile range; eGFR, estimated glomerular filtration rate; CRP, C-reactive protein; ACEI/ARB, angiotensin-converting enzyme inhibitor/angiotensin II receptor blocker; CCB, calcium channel blocker.

**Table S2** Renal pathological findings in the 133 DN patients

Pathological lesions, n (%)	ESRD group	Non-ESRD group	$\chi^2$	P value
Case number	58	75	–	–
Glomerular classification, n (%)			2.245	0.691
I	5 (8.62)	8 (10.67)		
IIa	20 (34.48)	30 (40.00)		
IIb	5 (8.62)	5 (6.67)		
III	23 (39.66)	22 (29.33)		
IV	5 (8.62)	10 (13.33)		
IFTA, n (%)			6.919	0.075
0	0	8 (10.67)		
1	14 (24.14)	19 (25.33)		
2	23 (39.66)	24 (32.00)		
3	21 (36.21)	24 (32.00)		
Interstitial inflammation, n (%)			7.187	0.027
0	0 (0)	6 (8.00)		
1	38 (65.52)	36 (48.00)		
2	20 (34.48)	33 (44.00)		
Arteriosclerosis, n (%)			26.575	<0.001
0	36 (62.07)	61 (81.33)		
1	20 (34.48)	2 (2.67)		
2	2 (3.45)	12 (16.00)		

DN, diabetic nephropathy; ESRD, end-stage renal disease; IFTA, interstitial fibrosis and tubular atrophy.