

Supplementary Table SI. Comparison between patients with lupus nephritis, with and without disease progression to chronic kidney disease.

Variables	Non-CKD (n=88)	CKD (n=49)	p-value
Age at LN onset, years	29.8 ± 12.4	36.5 ± 13.9	0.005
Women	78 (88.6%)	41 (83.7%)	0.410
Disease duration at LN onset, months	28.9 ± 44.9	33.3 ± 58.1	0.647
Education, years	13.0 ± 2.98	11.0 ± 4.73	0.003
Ever-smoker	4 (2.9%)	4 (8.2%)	0.306
Hypertension at LN onset	25 (28.4%)	23 (46.9%)	0.029
Diabetes mellitus at LN onset	2 (2.3%)	4 (8.2%)	0.121
SLEDAI-2000 score	12.3 ± 5.06	13.1 ± 5.66	0.392
Laboratory findings*			
White blood cells, /mm ³	5912 ± 3299	6420 ± 3998	0.451
Lymphocytes, /mm ³	1246 ± 662.5	1175 ± 712.7	0.571
Haemoglobin, g/dL	10.5 ± 2.10	10.3 ± 1.84	0.542
Platelets, 10 ³ /uL	203.9 ± 88.7	207.5 ± 129.5	0.849
ESR, mm/h	45.7 ± 36.2	42.6 ± 31.4	0.610
CRP, mg/dL	0.60 ± 0.88	0.72 ± 0.83	0.419
Albumin, mg/dL	3.09 ± 0.71	3.21 ± 1.04	0.491
Total cholesterol, mg/dL	192.8 ± 65.2	204.5 ± 57.9	0.289
	(n=85)	(n=47)	
LDL-cholesterol, mg/dL	110.1 ± 41.8	122.2 ± 51.3	0.184
	(n=80)	(n=44)	
Uric acid, mg/dL	5.52 ± 1.63	7.32 ± 1.04	<0.001
Uric acid >7 mg/dL	13 (14.8%)	24 (49.0%)	<0.001
Kidney functions			
Serum creatinine, mg/mL	0.75 ± 0.34	1.26 ± 1.00	<0.001
eGFR, mL/min/1.73 m ²	113.6 ± 46.0	76.5 ± 42.0	<0.001
Urinary protein excretion, g/24 h	2.92 ± 2.44	3.21 ± 2.30	0.494
Urinary protein excretion >3.5 g/24 h	28 (31.8%)	19 (38.8%)	0.411
Urine sediment	554 (61.4%)	33 (67.3%)	0.486
Autoantibodies and complements			
Antinuclear	85 (96.6%)	46 (93.7%)	0.457
Anti-dsDNA, IU/mL	494.3 ± 1393	678.2 ± 1323	0.446
Anti-Sm	40 (45.5%)	16 (32.7%)	0.144
Anti-RNP	42 (47.7%)	22 (45.9%)	0.375
Anti-Ro	60 (68.2%)	27 (55.1%)	0.127
Anti-La	27 (30.7%)	12/48 (25.0%)	0.310
C3, mg/dL	52.4 ± 29.9	56.6 ± 25.8	0.385
C4, mg/dL	11.0 ± 13.3	11.4 ± 6.69	0.785
Renal pathology findings			
ISN/RPS classification			0.119
I	11 (12.5%)	2 (4.1%)	
II	6 (6.8%)	8 (16.3%)	
III	20 (22.7%)	10 (20.4%)	
IV	39 (44.3%)	26 (53.1%)	
V	12 (13.6%)	3 (6.1%)	
Activity index	5.24 ± 4.32	1.26 ± 1.27	0.304
Chronicity index	6.00 ± 4.03	2.63 ± 1.75	<0.000
Activity index >12	48 (47.7%)	24 (49.0%)	0.888
Chronicity index >4	7 (8.0%)	11 (22.4%)	0.016
Treatment			
Induction therapy			0.424
CYC	36 (40.9%)	15 (30.6%)	
MMF	29 (33.0%)	17 (34.7%)	
Others	23 (26.1%)	17 (34.7%)	
Medications affecting uric acid levels			
Low-dose aspirin	17 (19.3%)	11 (22.4%)	0.663
Diuretics	4 (4.5%)	4 (8.2)	0.306
NSAIDs	3 (3.4%)	2 (4.2%)	0.580
CR at 1 year	66 (75.0%)	17 (34.7%)	<0.001
Relapse	36 (40.9%)	29 (59.2)	0.040

Unless indicated otherwise, values are given as the mean ± standard deviation.

CKD: chronic kidney disease; LN: lupus nephritis; SLEDAI: systemic lupus erythematosus disease activity index; ESR: erythrocyte sedimentation rate; CRP: C-reactive protein; LDL: low-density lipoprotein; eGFR: estimated glomerular filtration rate; ISN/RPS: International Society of Nephrology/Renal Pathology Society; CYC: cyclophosphamide; MMF: mycophenolate mofetil; CR: complete remission.