Table S1 Description of baseline characteristics according to the status of NAFLD grouped by gender

Characteristics	male		female	
	NAFLD (n=2070)	Non-NAFLD (n=5216)	NAFLD (n=1306)	Non-NAFLD (n=6609)
Age	48.84±16.10	44.16±16.46[*]	48.96±14.37	38.95±12.06[*]
WBC count, cells10^9/L	6.65±1.26	6.40±1.29[*]	6.34±1.26	6.15±1.25[*]
BMI (kg/m^2)	25.59±2.74	23.83±2.83[*]	24.56±3.26	22.45±2.97[*]
SBP(mmHg)	131.11±18.43	124.92±17.81[*]	125.14±21.13	113.88±16.64[*]
DBP (mmHg)	76.50±11.00	72.69±10.67[*]	72.88±11.38	68.47±10.14[*]
FPG (mmol/L)	5.26±1.08	5.08±1.04[*]	5.15±0.93	4.84±0.80[*]
TC (mmol/L)	5.04±0.89	4.85±0.90[*]	5.29±1.06	4.81±0.93[*]
TG (mmol/L)	1.38(1.00)	1.05(0.81)[*]	1.18(0.89)	0.79(0.63)[*]
HDL-C (mmol/L)	1.21(0.38)	1.27(0.39)[*]	1.43(0.43)	1.45(0.42)[*]
LDL-C (mmol/L)	2.97±0.70	2.80±0.70[*]	3.00±0.79	2.63±0.71[*]
TP (g/L)	73.81±4.32	73.73±4.36	74.52±4.28	73.78±4.23[*]
ALB (g/L)	46.58±2.56	46.89±2.51[*]	45.56±2.47	46.01±2.48[*]
GLO(g/L)	27.24±3.97	26.84±3.98[*]	28.96±4.06	27.78±3.90[*]
Hypertension (%)	763(36.86)	1129(21.64)[*]	391(29.94)	588(8.90)[*]
Hyperglycemia (%)	256(12.37)	464(8.90)[*]	135(10.34)	255(3.86)[*]
Current smoker (%)	627(30.29)	1526(29.26)	7(0.54)	29(0.44)
Regular exercise (%)	874(42.22)	2079(39.86)	412(31.55)	1347(20.38)[*]

WBC, white blood cell count; BMI, body mass index; SBP, systolic blood pressure; DBP, diastolic blood pressure; FPG, fasting plasma glucose; TC, total cholesterol; TG, triglyceride; HDL-C, high-density lipoprotein cholesterol; LDL-C, low-density lipoprotein cholesterol; TP, serum total protein; ALB, albumin; GLO, globin

*P<0.05: comparison between NAFLD and non-NAFLD grouped by gender

Table S2 Hazard ratios (HRs) and their 95% confidence intervals

Variables	HR(95%CI)	P
RBC(10^{12}/L)	1.223(1.089, 1.374)	0.001
Hb (g/L)	1.008(1.004, 1.011)	<0.001
HCT(%)	1.010(0.997, 1.022)	0.122
MCV(fL)	0.986(0.978, 0.993)	<0.001
MCH(pg)	1.006(0.987, 1.027)	0.527
MCHC(g/L)	1.013(1.010, 1.017)	<0.001
RDW-CV(%)	0.978(0.941, 1.018)	0.277
RDW-SD(fL)	0.969(0.955, 0.983)	<0.001
Lymphocyte(10^9/L)	1.039(0.974, 1.108)	0.244
Monocyte(10^9/L)	0.993(0.725, 1.359)	0.993
Neutrophil(10^9/L)	1.051(1.015, 1.089)	0.005
Eosinophil(10^9/L)	1.101(0.861, 1.409)	0.444
Basophil(10^9/L)	0.578(0.101, 3.312)	0.538
Platelet count(10^9/L)	1.002(1.001, 1.002)	<0.001
PDW(fL)	1.000(0.982, 1.018)	0.963
MPV(fL)	0.997(0.954, 1.041)	0.875
PCT(%)	1.464(0.952, 2.253)	0.083
P-LCR(%)	1.000(0.995, 1.006)	0.926
TP (g/L)	1.005(0.997, 1.014)	0.224
ALB (g/L)	0.984(0.969, 0.999)	0.033
GLO(g/L)	1.102(1.003, 1.021)	0.009

RBC, red blood cell count; Hb, Hemoglobin; HCT, hematocrit; MCV, mean corpuscular volume; MCH, mean corpuscular hemoglobin; MCHC, mean corpuscular hemoglobin concentration; RDW-CV, red cell distribution width- coefficient of variation; RDW-SD, red cell distribution width-standard deviation; PDW, platelet distribution width; MPV, mean platelet volume; PCT, plateletcrit; P-LCR, Platelet-large cell rate

P<0.05: adjusted by baseline age, gender, smoking, regular exercise, BMI, hypertension, hyperglycemia, TC, TG, HDL-C, and LDL-C, ALB and GLO