

Table 1: Characteristic features of the patients with HCV infection and controls

	HCV patients (n=74)	Controls (n=88)	P value
Age, years	59 (18-84)	56 (20-86)	0.172
Gender, male/female	47/27	47/41	0.255
BMI, kg/m ²	24.98 ± 3.88	25.97 ± 3.52	0.091
Smoking, n (%)	26 (35.1)	26 (29.5)	0.555
Genotype, n (%)			
1a	7 (10)	—	—
1b	35 (47)	—	—
1	9 (12)	—	—
2	15 (20)	—	—
3	6 (8)	—	—
5	2 (3)	—	—
Comorbidities			
Diabetes mellitus, n (%)	9 (12.2)	12 (13.6)	0.965
Hypertension, n (%)	22 (29.7)	25 (28.4)	0.991
Cardiovascular disease, n (%)	10 (13.5)	14 (15.9)	0.837
Chronic renal failure, n (%)	6 (8.1)	5 (5.7)	0.766
Hyperlipidemia, n (%)	6 (8.1)	9 (10.2)	0.848
Asthma / COPD, n (%)	13 (17.6)	7 (8)	0.107
Laboratory Parameter			
WBC, x10 ³ /μl	7.4 (4.3-17.2)	7.4 (3.5-11.8)	0.411
Platelet, x10 ³ /μl	259 (102-465)	261 (106-649)	0.576
Urea, mg/dL	29 (12-117)	29 (10-115)	0.357
Creatinine, mg/dL	0.8 (0.6-9.7)	0.8 (0.4-9.2)	0.549
Total protein, g/dL	7.71 ± 0.61	7.17 ± 0.61	<0.001
Albumin, g/dL	4.18 ± 0.50	4.41 ± 0.39	0.001
ALT, U/L	44.5 (7.2-973)	17 (3-71)	<0.001
AST, U/L	43.0 (11.6-601)	17.7 (8-48)	<0.001
GGT, U/L	36 (10-248)	21 (8-183)	<0.001
Total bilirubin, mg/dL	0.6 (0.2-2.0)	0.5 (0.1-3.5)	0.004
Direct bilirubin, mg/dL	0.20 (0.10-1.0)	0.18 (0.10-0.50)	0.040
PT, sn	12.2 (10.1-17.9)	12 (9.8-20.4)	0.140
INR	0.98 (0.8-1.4)	0.97 (0.7-1.66)	0.936

Results are given as median (min–max), mean±standard deviation and number (%). BMI: Body mass index, COPD: Chronic obstructive pulmonary disease, WBC: White blood cell count, ALT: Alanine aminotransferase, AST: Aspartate aminotransferase, GGT: Gama-glutamyl transferase, PT: Prothrombin time, INR: International normalized ratio.

Table 2: Comparison of oxidative stress markers between control and HCV groups

	HCV patients (n=74)	Controls (n=88)	<i>P</i> value
NT, $\mu\text{mol/L}$	256.8 \pm 53.2	303.1 \pm 54.7	<0.001
TT, $\mu\text{mol/L}$	299.9 (170.2-444.5)	310.9 (196.3-521.6)	0.005
DS, $\mu\text{mol/L}$	20.3 (1.7-34.4)	7.9 (0.9-26.1)	<0.001
DS/NT, %	8.2 (0.8-15.8)	2.7 (0.3-7.8)	<0.001
DS/TT, %	7.0 (0.7-12.0)	2.6 (0.3-6.8)	<0.001
NT/TT, %	85.9 (76-98.5)	94.8 (86.5-99.4)	<0.001
TAS, mmol Trolox Equiv/L	1.09 \pm 0.13	1.43 \pm 0.16	<0.001
TOS, $\mu\text{mol H}_2\text{O}_2$ Equiv/L	15.03 (4.25-27.25)	11.25 (5.10-16.80)	<0.001
OSI, arbitrary units	1.34 \pm 0.43	0.81 \pm 0.21	<0.001