

Supplementary Table S9. Comparison of baseline clinical parameters between infected and uninfected patients with EASL-CLIF ACLF.

Characteristics	Infection (n = 150)	Non-infection (n = 173)	p-value
Age, M (Q ₁ , Q ₃)	49.61 (42.88-58.90)	50.00 (42.00-58.00)	0.911
Male, n (%)	125.00 (83.33)	143.00 (82.66)	0.872
Cirrhosis, n (%)	150.00 (100.00)	173.00 (100.00)	-
Aetiology, n (%)			
HBV	116.00 (77.33)	137.00 (79.19)	0.686
HCV	1.00 (0.67)	1.00 (0.58)	0.919
HEV	3.00 (2.00)	11.00 (6.36)	0.055
Alcohol	40.00 (26.67)	30.00 (17.34)	0.042
Autoimmune	11.00 (7.33)	14.00 (8.09)	0.799
NAFLD	2.00 (1.33)	5.00 (2.89)	0.338
Schistosomiasis	2.00 (1.33)	1.00 (0.58)	0.480
Cryptogenic	10.00 (6.67)	6.00 (3.47)	0.186
Type of AD, n (%)			
HE			0.204
0	120.00 (80.00)	151.00 (87.28)	
1	8.00 (5.33)	10.00 (5.78)	
2	12.00 (8.00)	8.00 (4.62)	
3	7.00 (4.67)	2.00 (1.16)	
4	3.00 (2.00)	2.00 (1.16)	
Jaundice	144.00 (96.00)	161.00 (93.06)	0.251
Ascites	127.00 (84.67)	99.00 (57.23)	<0.001
GI bleeding	9.00 (6.00)	5.00 (2.89)	0.171
Laboratory data, M (Q ₁ , Q ₃)			
TB (mg/dL)	24.12 (17.54-32.44)	18.53 (13.74-24.01)	<0.001
INR	2.05 (1.60-2.64)	1.89 (1.43-2.57)	0.128
Cr (mg/dL)	0.89 (0.72-1.35)	0.84 (0.68-1.09)	0.046
BUN (mmol/L)	5.68 (3.70-9.70)	4.30 (3.20-6.30)	0.002
ALT (U/L)	114.00 (53.00-269.00)	174.00 (66.00-476.00)	0.012
AST (U/L)	143.55 (89.30-291.30)	182.00 (87.00-400.00)	0.273
AST/ALT	1.40 (0.91-2.08)	1.06 (0.72-1.63)	<0.001
ALB (g/L)	29.79 (25.80-33.50)	31.00 (28.10-33.70)	0.054
AKP (U/L)	144.00 (108.00-198.00)	142.10 (114.10-186.00)	0.922
γ-GT (U/L)	80.85 (52.30-139.90)	87.00 (54.00-123.00)	0.699
WBC (×10 ⁹ /L)	7.60 (5.52-11.53)	5.70 (4.25-7.74)	<0.001
PLT (×10 ⁹ /L)	85.50 (57.00-131.00)	106.00 (69.00-145.00)	0.030
MAP (mmHg)	87.33 (80.33-94.00)	89.67 (83.67-96.67)	0.014
NL ratio	4.63 (2.76-7.81)	3.48 (2.36-5.30)	<0.001
HGB (g/L)	114.00 (98.00-128.00)	122.00 (107.00-134.00)	0.012
N (×10 ⁹ /L)	5.38 (3.73-9.03)	3.90 (2.70-5.17)	<0.001
L (×10 ⁹ /L)	1.21 (0.79-1.63)	1.10 (0.74-1.46)	0.230

K ⁺ (mmol/L)	3.79 (3.34-4.17)	3.93 (3.60-4.24)	0.034
Na ⁺ (mmol/L)	134.45 (131.00-137.00)	137.20 (134.00-139.00)	<0.001
CRP (mg/L)	17.65 (10.56-28.31)	11.30 (6.50-16.80)	<0.001
PCT (ng/mL)	0.67 (0.45-1.25)	0.53 (0.28-0.79)	<0.001
PT (s)	24.15 (19.30-30.00)	22.00 (16.80-29.50)	0.084

Note: ACLF, acute-on-chronic liver failure; ALT, alanine aminotransferase; AST, aspartate aminotransferase; AST/ALT, aspartate to alanine aminotransferase ratio; ALB, albumin; AKP, alkaline phosphatase; BUN, blood urea nitrogen; CRP, C-reactive protein; Cr, creatinine; GI bleeding, gastrointestinal bleeding; γ -GT, γ -glutamyl transferase; HE, hepatic encephalopathy; HGB, hemoglobin; HBV, hepatitis B virus; HCV, hepatitis C virus; HEV, hepatitis E virus; INR, international normalized ratio; L, Lymphocyte count; MAP, mean arterial pressure; N, neutrophil count; NL ratio, neutrophil-lymphocyte ratio; NAFLD, nonalcoholic fatty liver disease; PLT, platelet; PCT, procalcitonin; PT, prothrombin time; TB, total bilirubin; WBC, white blood cell count.