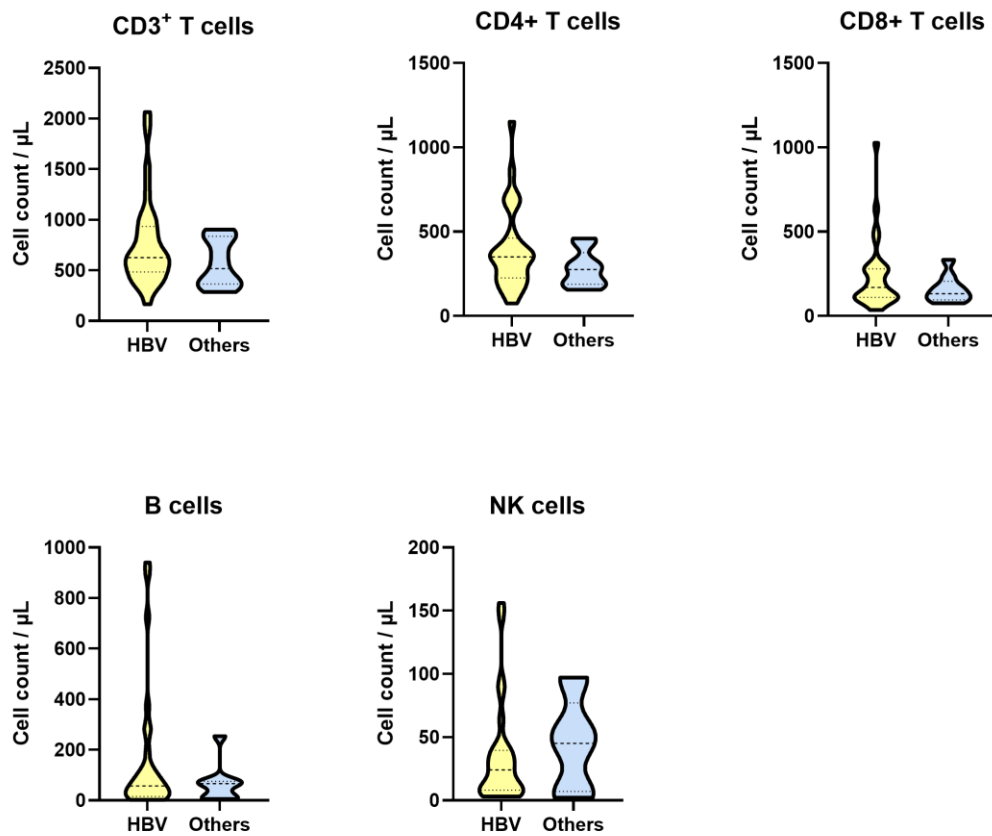




Supplemental Figure 1 Characteristics of PBLs stratified by etiologies.

Supplementary Table 1 The correlation analysis between PBLs and liver failure scores in patients with ACLF

Scores	Peripheral blood lymphocyte subpopulations (cell count/uL)									
	CD3 ⁺ T cell		CD4 ⁺ T cell		CD8 ⁺ T cell		B cell		NK cell	
	r	P	r	P	r	P	r	P	r	P
CTP	0.115	0.49	0.09	0.56	0.05	0.74	0.208	0.21	0.18	0.27
		1		7		5		4		1
ALBI	-0.04	0.77	0.11	0.49	-0.09	0.58	0.094	0.57	0.18	0.25
	8	6		5		2		1		6
CLIF-OF	0.017	0.91	0.04	0.77	0.05	0.73	0.143	0.39	0.10	0.52
		9		8		5		6		7
CLIF-C	-0.00	0.95	0.03	0.84	-0.00	0.96	0.071	0.67	-0.03	0.85
ACLF	9	5		3		3		8		2
MELD	0.098	0.55	0.06	0.71	0.07	0.65	-0.18	0.25	-0.07	0.65
		7		2		1		4		5
MELD-Na	-0.03	0.85	0.00	0.95	-0.04	0.81	-0.24	0.14	-0.16	0.33
	1	1		9		9		0		0

Supplementary Table 2 The correlation analysis between PBLs and liver failure scores in ACLF patients with hepatitis B

Scores	Peripheral blood lymphocyte subpopulations (cell count/uL)									
	CD3 ⁺ T cell		CD4 ⁺ T cell		CD8 ⁺ T cell		B cell		NK cell	
	r	P	r	P	r	P	r	P	r	P
HBV-SOFA	-0.22	0.23	-0.17	0.35	-0.19	0.30	0.15	0.41	0.01	0.94
	8	4		7		8		9		1
COSSH-A	-0.25	0.18	-0.17	0.36	-0.34	0.07	-0.32	0.08	-0.2	0.18
CLF	5	1		5		4		1		0

COSSH-A	-0.07	0.68	0.023	0.90	-0.20	0.28	-0.16	0.39	-0.1	0.40
CLF II	9	4		8	7	1	6	0	62	1

Supplementary Table 3 The potential confounding factors for the association between PBLs and perioperative complications

Variables	Level	OR (95% CI)	P value
EAD			
sex	female	0.58 (0.03-6.51)	0.67
Age	per unit	0.95 (0.87-1.02)	0.18
TB	per unit	1.00 (1.00-1.00)	0.91
Alb	per unit	1.04 (0.92-1.19)	0.51
INR	per unit	1.58 (0.90-3.09)	0.13
ALT	per unit	1.00 (0.99-1.01)	0.86
AST	per unit	1.00 (0.98-1.00)	0.34
Creatinine	per unit	0.81 (0.35-1.49)	0.53
Urea	per unit	1.00 (0.93-1.06)	0.89
Neutrophil	per unit	1.19 (0.97-1.54)	0.14
WBC	per unit	1.17 (0.97-1.48)	0.13
PNF			
sex	female	NA	1.00
Age	per unit	0.97 (0.83-1.12)	0.66
TB	per unit	0.99 (0.99-1.00)	0.13
Alb	per unit	1.05 (0.83-1.39)	0.73
INR	per unit	1.62 (0.60-3.99)	0.28
ALT	per unit	1.00 (0.98-1.01)	0.90
AST	per unit	0.97 (0.90-1.00)	0.19
Creatinine	per unit	2.07 (0.97-6.76)	0.08
Urea	per unit	0.99 (0.80-1.08)	0.87
Neutrophil	per unit	1.43 (1.06-2.12)	0.03

WBC	per unit	1.40 (1.04-2.02)	0.03
Infection			
sex	female	1.73 (0.15-38.90)	0.67
Age	per unit	1.01 (0.94-1.08)	0.84
TB	per unit	1.00 (1.00-1.00)	0.98
Alb	per unit	0.97 (0.85-1.10)	0.64
INR	per unit	1.01 (0.58-1.79)	0.96
ALT	per unit	1.00 (1.00-1.02)	0.40
AST	per unit	1.00 (1.00-1.01)	0.45
Creatinine	per unit	2.10 (0.92-7.16)	0.17
Urea	per unit	1.14 (1.03-1.34)	0.05
Neutrophil	per unit	1.30 (1.02-1.77)	0.06
WBC	per unit	1.21 (0.99-1.56)	0.10