

Supplementary Table 1: Biological parameters profiling to control the safety of the intervention.

Parameter	Group	Baseline	Month 1	Month 3	Month 6	Month 9	Month 12	Month 24	P
WBC ( $10^9/L$ )	NK+ART	5.17 ± 1.78	5.55 ± 1.91	4.73 ± 0.88	5.16 ± 1.65	5.07 ± 1.71	4.79 ± 1.23	5.01 ± 1.48	ns
	ART	5.11 ± 1.13	5.15 ± 1.04	5.24 ± 1.36	4.68 ± 0.77	4.76 ± 0.73	4.72 ± 1.02	5.13 ± 1.36	
LYM ( $10^9/L$ )	NK+ART	1.58 ± 0.65	1.60 ± 0.71	1.37 ± 0.57	1.43 ± 0.62	1.44 ± 0.49	1.4 ± 0.5	1.73 ± 1.16	ns
	ART	1.37 ± 0.64	1.49 ± 0.68	1.25 ± 0.48	1.49 ± 0.55	1.31 ± 0.39	1.28 ± 0.39	1.22 ± 0.46	
RBC ( $10^{12}/L$ )	NK+ART	4.49 ± 0.52	4.36 ± 0.64	4.43 ± 0.63	4.42 ± 0.54	4.49 ± 0.78	4.31 ± 0.44	4.69 ± 0.74	ns
	ART	4.42 ± 0.48	4.35 ± 0.52	4.49 ± 0.52	4.57 ± 0.48	4.38 ± 0.47	4.47 ± 0.51	4.41 ± 0.44	
HGB (g/L)	NK+ART	149.31 ± 6.90	147.42 ± 13.95	149.52 ± 13.01	150.60 ± 7.82	148.63 ± 14.48	147.62 ± 5.58	154.21 ± 13.46	ns
	ART	135.23 ± 20.66	134.62 ± 19.17	140.64 ± 14.98	142.00 ± 15.30	139.73 ± 14.88	140.61 ± 14.42	132.72 ± 22.36	
PLT ( $10^9/L$ )	NK+ART	223.35 ± 99.79	232.42 ± 114.73	233.71 ± 95.92	208.91 ± 74.66	208.05 ± 86.46	211.23 ± 66.99	234.34 ± 77.92	ns
	ART	234.34 ± 45.62	230.03 ± 25.66	248.74 ± 31.21	255.14 ± 32.68	267.55 ± 72.31	264.37 ± 55.25	264.47 ± 34.58	
ALT (U/L)	NK+ART	16.00 ± 5.16	18.00 ± 11.32	19.10 ± 6.44	19.40 ± 7.41	20.60 ± 8.21	19.30 ± 8.96	21.50 ± 8.92	ns
	ART	15.50 ± 8.30	16.80 ± 10.93	15.60 ± 7.68	16.50 ± 6.09	18.40 ± 9.18	17.00 ± 7.51	17.00 ± 7.47	
AST (U/L)	NK+ART	19.00 ± 6.75	19.90 ± 10.28	21.10 ± 7.17	20.20 ± 7.12	21.40 ± 6.65	23.50 ± 13.82	21.30 ± 7.60	ns
	ART	16.30 ± 6.08	18.60 ± 8.76	16.80 ± 5.39	17.50 ± 4.69	19.50 ± 7.01	18.90 ± 6.69	18.50 ± 7.50	
TBIL ( $\mu\text{mol}/L$ )	NK+ART	13.15 ± 5.29	15.34 ± 7.23	14.77 ± 6.67	14.30 ± 6.83	12.66 ± 7.31	13.72 ± 7.82	14.65 ± 7.76	ns
	ART	11.61 ± 4.31	13.34 ± 3.55	10.80 ± 3.40	12.04 ± 4.60	10.83 ± 2.74	11.67 ± 3.93	11.72 ± 3.96	
Cr ( $\mu\text{mol}/L$ )	NK+ART	71.20 ± 9.89	72.00 ± 11.56	73.20 ± 11.26	76.00 ± 11.24	78.60 ± 10.00	73.70 ± 11.76	67.90 ± 8.19	ns
	ART	63.80 ± 9.45	68.10 ± 10.52	69.30 ± 9.32	66.80 ± 8.97	71.30 ± 10.37	68.80 ± 10.92	62.50 ± 12.76	
eGFR ( $\text{mL}/\text{min}/1.73\text{m}^2$ )	NK+ART	100.50 ± 8.65	98.98 ± 8.29	98.54 ± 9.29	96.85 ± 12.33	98.43 ± 11.77	99.81 ± 12.91	104.10 ± 8.55	ns
	ART	104.30 ± 9.75	100.81 ± 11.72	99.94 ± 5.69	102.00 ± 9.29	97.43 ± 11.23	100.80 ± 9.32	104.50 ± 9.80	

Data expressed as mean ± standard deviation. ns: no significance. NK: Allogeneic NK cell immunotherapy; ART: Antiretroviral therapy; WBC: White blood cell; LYM: Lymphocyte; RBC: Red blood cell; HGB: Hemoglobin; PLT: Platelet; ALT: Alanine aminotransferase; AST: Aspartate aminotransferase; TBIL: Total bilirubin; Cr: Creatine; eGFR: Estimated glomerular filtration rate.