

Supplement Table S1 showed the cytokine production levels (pg/mL) and fold change from non-adherent immune cells after treated with cordycepin (100 μ M) or Cm-EE (100 μ g/mL) (N=3)

Donor	Samples	IL-2	Fold change	IL-10	Fold change	IL-6	Fold change	IL-17A	Fold change	TNF- α	Fold change	IFN- γ	Fold change
1	Media	55.44	1.00	37.81	1.00	1,412.15	1.00	65.88	1.00	45.66	1.00	11.41	1.00
	Cordycepin	46.43	0.84	36.58	0.97	994.34	0.70	70.79	1.07	33.23	0.73	10.93	0.96
	Diluent	60.80	1.00	43.04	1.00	1,067.16	1.00	78.39	1.00	38.81	1.00	12.04	1.00
	Cm-EE	110.58	1.82	317.75	7.38	10,778.73	10.10	89.60	1.14	41.54	1.07	16.22	1.35
2	Media	67.38	1.00	12.54	1.00	610.44	1.00	60.80	1.00	96.06	1.00	59.68	1.00
	Cordycepin	3.23	0.05	10.18	0.81	415.80	0.68	60.58	1.00	92.03	0.96	42.65	0.71
	Diluent	36.62	1.00	11.38	1.00	368.62	1.00	69.25	1.00	74.16	1.00	17.3	1.00
	Cm-EE	52.38	1.43	138.69	12.19	6,727.38	18.25	68.37	0.99	199.92	2.70	24.94	1.44
3	Media	82.41	1.00	28.27	1.00	1,166.46	1.00	85.25	1.00	25.80	1.00	14.76	1.00
	Cordycepin	18.74	0.23	28.06	0.99	1,116.04	0.96	88.75	1.04	24.73	0.96	127.04	8.61
	Diluent	68.71	1.00	25.24	1.00	1,060.38	1.00	87.51	1.00	31.64	1.00	11.52	1.00
	Cm-EE	196.06	2.85	755.99	29.95	30,714.82	28.97	108.09	1.24	71.60	2.26	29.33	2.55

Supplement Table S2 showed the cytotoxic mediator production levels (pg/mL) and fold change from non-adherent immune cells after treated with cordycepin (100 μ M) or Cm-EE (100 μ g/mL) (N=3)

Donor	Samples	sFas	Fold change	sFasL	Fold change	Granzyme A	Fold change	Granzyme B	Fold change	Perforin	Fold change	Granulysin	Fold change
1	Media	47.64	1.00	40.45	1.00	713.95	1.00	566.09	1.00	53.04	1.00	1,188.30	1.00
	Cordycepin	32.57	0.68	40.94	1.01	716.79	1.00	529.00	0.93	65.92	1.24	1,203.10	1.01
	Diluent	42.07	1.00	41.02	1.00	938.39	1.00	754.68	1.00	67.42	1.00	1,546.10	1.00
	Cm-EE	56.96	1.35	50.22	1.22	1,200.15	1.28	666.00	0.88	62.61	0.93	1,816.29	1.17
2	Media	68.45	1.00	167.05	1.00	630.76	1.00	302.36	1.00	370.46	1.00	905.05	1.00
	Cordycepin	46.51	0.68	135.80	0.81	624.50	0.99	264.91	0.88	251.09	0.68	1,102.21	1.22
	Diluent	47.63	1.00	101.84	1.00	678.89	1.00	310.72	1.00	269.62	1.00	1,077.56	1.00
	Cm-EE	77.05	1.62	90.18	0.89	654.30	0.96	421.83	1.36	225.63	0.84	864.06	0.80
3	Media	34.01	1.00	119.78	1.00	1,020.68	1.00	3,062.82	1.00	304.99	1.00	1,078.07	1.00
	Cordycepin	44.84	1.32	8.49	0.07	43.26	0.04	348.43	0.11	198.62	0.65	368.12	0.34
	Diluent	31.93	1.00	96.71	1.00	1,239.61	1.00	2,572.31	1.00	294.56	1.00	1,307.90	1.00
	Cm-EE	88.03	2.76	98.87	1.02	1,358.51	1.10	625.37	0.24	239.66	0.81	1,247.80	0.95