

SUPPLEMENTARY DATA

FIGURES

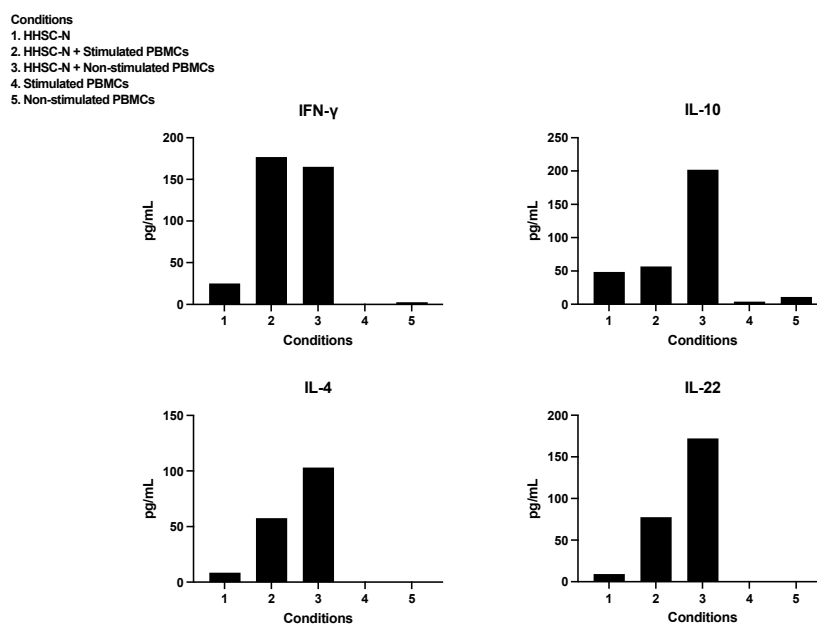


Fig. S1. Reference values of cytokine productions under different conditions: 1) HHSC-N, 2) HHSC-N and stimulated PBMCs co-culture, 3) HHSC-N and non-stimulated PBMCs co-culture, 4) stimulated PBMCs and 5) nonstimulated PBMCs. Samples were collected 6 h after co-culture and stimulation and were not exposed to CD or CD-LF treatments.

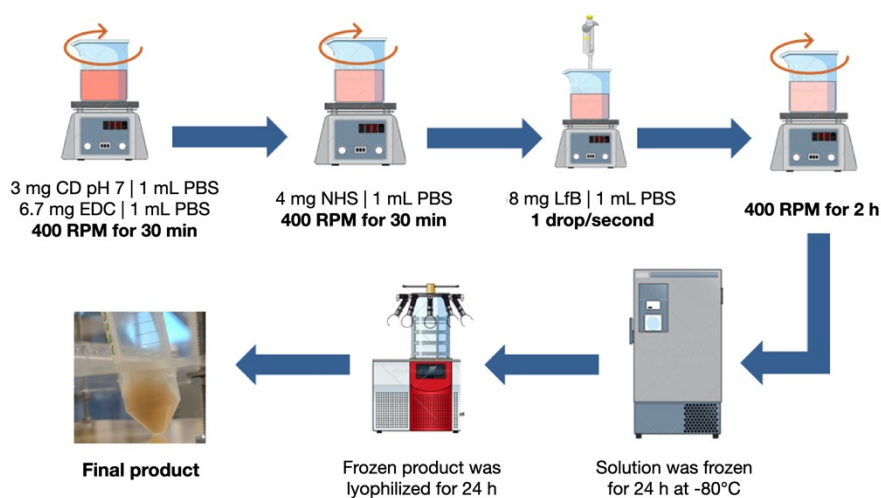


Fig. S2. Quantum carbon dot conjugation with bovine lactoferrin

TABLES

Table S1. HHSC-N primers utilized for qPCR

Gene	Access number / Gene ID	Sequences	Reference
ACTA2	NM_001100.4	F: CTGTTCCAGCCATCCTTCAT R: TCATGATGCTGTTGTAGGTGGT	(Ploeger et al., 2013)
COL1A1	NM_000088.4	F: GCCTCAAGGTATTGCTGGAC R: ACCTTGTTTGCCAGGTTAC	(Ploeger et al., 2013)
TIMP1	Gene ID: 7076	F: TGTTGTTGCTGTGGCTGATAGC R: TCTGGTGTCCCCACGAACTT	(Zheng et al., 2020)
HPRT1	NM_000194.2	F: TGGTCAGGCAGTATAATCCAAAGA R: TTCAAATCCAACAAAGTCTGGCT	(Zárybnický et al., 2019)