

Radiation-driven lipid accumulation and dendritic cell dysfunction in cancer

Fu Gao^{1#}, Cong Liu^{1#}, Jiaming Guo^{1#}, Weimin Sun², Linfeng Xian¹, Dongchen Bai¹, Hu Liu¹, Ying Cheng¹, Bailong Li¹, Jianguo Cui¹, Chaoxiong Zhang^{3*}, Jianming Cai^{1*}

¹Department of Radiation Medicine, Faculty of Naval Medicine, Second Military Medical University, Shanghai 200433, PR China;

²National Key Laboratory of Medical Immunology& Institute of Immunology, Second Military Medical University, Shanghai 200433, China

³Department of Centre for Disease Prevention and Control, Chengdu Military Region, Chengdu610021, China

#These authors contributed equally to this paper.

*Correspondence: Chaoxiong Zhang & Jianming Cai. Address:
Department of Centre for Disease Prevention and Control, Chengdu Military Region, 12, Tianxian Road 610021 , Chengdu; P.R. China Fax: +86-028-82871362. E-mail: zcx7792@126.com (Chaoxiong Zhang)

Department of Radiation Medicine, Second Military Medical University; 800, Xiangyin Road 200433, Shanghai; P.R. China Fax: +86-21-81871149. E-mail: caijianming882003@163.com (Jianming Cai).

Supplementary Table 1 Primers used

Ia F	GTGGTGCTGATGGTGCTG
Ia R	CCATGAACCTGGTACACGAAATG
CD80 F	GGCAAGGCAGCAATACTTA
CD80 R	CTCTTGTGCTGCTGATTG
CD83 F	CCAGCCGCATGTCGCA
CD83 R	CGAGCTGCAGATGGTAGTGT
CD86 F	TCTCCACGGAAACAGCATCT
CD86 R	CTTACGGAAGCACCCATGAT
CCR7 F	GAGGAAAAGGATGTCGCCACG
CCR7 R	GGCTCTCCTTGTCAATTCCAG
CD40 F	CTGTTGCCATCCTCTTGGT
CD40 R	CGACTCTCTTGCATCCTC
CD11c F	CTGGATAGCCTTCTTCTGCTG
CD11c R	GCACACTGTGTCCGAACTC
IL-6 F	CCGGAGAGGAGACTCACAG
IL-6 R	GGAAATTGGGGTAGGAAGGA
IFN- γ F	TGACCAGAGCATCCAAAAGA
IFN- γ R	CTCTCGACCTCGAACAGC
TNF- α F	TACTGAACCTCGGGGTGATTGGTC
TNF- α R	CAGCCTTGTCCCTGAAGAGAAC
TGF- β F	CACCGGAGAGCCCCTGGATA
TGF- β R	TGTACAGCTGCCGCACACA
IL-1 β F	AAA TGC CTC GTG CTG TCT GAC C
IL-1 β R	CTG CTT GAG AGG TGC TGA TGT ACC
IL-12 F	CCACTCACATCTGCTGCTCCACAAG
IL-12 R	ACTTCTCATAGTCCCTTGGTCCAG
LPL F	AGGCATACAGGTGCAACTCC
LPL R	TGTCCAGTGTCAAGCCAGACT
FABP4 F	ACTGGGCCAGGAATTGACG
FABP4 R	CTCGTGAAGTGACGCCCTT