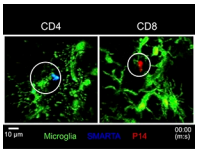
SUPPLEMENTAL MATERIAL

Herz et al., http://www.jem.org/cgi/content/full/jem.20142047/DC1



Video 1. Antiviral T cell interactions with CD11c$^+$ microglia after adoptive immunotherapy. The representative time lapses show virus-specific CD8$^+$ (P14) and CD4$^+$ (SMARTA) interacting with CD11c-YFP$^+$ microglia in the persistently infected brain parenchyma 12 d after adoptive immunotherapy. Note that CD8$^+$ T cell forms a stable interaction with the CD11c$^+$ cell, whereas the CD4$^+$ T cell remains in motion while interacting with its target. Interactions are highlighted with white circles. This video is shown at 15 frames/s.

Table S1. Q-PCR primer sequences used in this study

Gene name	Primer sequence	GenBank accession no.	Amplicon T_m
			°C
β-actin	F: 5′-AGCTCATTGTAGAAGGTGTGG-3′ R: 5′-GTGGGAATGGGTCAGAAGG-3′	NM_007393	#
Cd11c	F: 5′-CTGGATAGCCTTTCTTCTGCTG-3′ R: 5′-GCACACTGTGTCCGAACTC-3′	NM_021334	60.4
Ccl2	F: 5′-GTCCCTGTCATGCTTCTG-3′ R: 5′-GCTCTCCAGCCTACYTCATTG-3′	NM_011333	62.0
Ccl3	F: 5′-GATTCCACGCCAATTCATCG-3′ R: 5′-TTCAGTTCCAGGTCAGTGATG-3′	NM_011337	62.0
Ccl4	F: 5′-AAACCTAACCCCGACCAAC-3′ R: 5′-CGGGAGGTGTAAGAGAAACA-3′	NM_013652	60.4
Ccl5	F: 5′-GGGTACCATGAAGATCTCTGC-3′ R: 5′-TCTAGGGAGAGGTAGGCAAAG-3′	NM_013653	58.0
Ccl7	F: 5′-GAAAACCCCAACTCCAAAGC-3′ R: 5′-CCTTAGGACCGTGATCAACAC-3′	NM_013654	60.4
Cxcl1	F: 5′-AACCGAAGTCATAGCCACAC-3′ R: 5′-CAGACGGTGCCATCAGAG-3′	NM_008176	57.9
Cxcl2	F: 5′-GAAGTCATAGCCACTCTCAAGG-3′ R: 5′-CTTCCGTTGAGGGACAGC-3′	NM_009140	57.0
Cxcl9	F: 5′-AGTCCGCTGTTCTTTTCCTC-3′ R: 5′-TGAGGTCTTTGAGGGATTTGTAG-3′	NM_008599	60.4
Cxcl10	F: 5′-TCAGCACCATGAACCCAA-3′ R: 5′-CTATGGCCCTCATTCTCACTG-3′	NM_021274	60.4

This supplemental table provides the forward and reverse primer sequences used to quantify expression of the denoted chemoattractants. β-Actin served as a housekeeping control gene. T_m, melting temperature; #, reference gene.

Table S2, included in a separate Excel file, shows differential gene expression in CD11c$^+$ microglia after immunotherapy.