

Supplementary Figures and Tables

Metronomic cyclophosphamide schedule-dependence of innate immune cell recruitment and tumor regression in an implanted glioma model

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Supplemental Table S1. Forward and reverse primer sets used for qPCR for the indicated mouse gene transcripts. Gene names are shown in parentheses. Sequences for the following primer sets were reported previously [21]: TNF receptor superfamily member 6 (*Fas*), natural cytotoxicity triggering receptor 1 (Nkp46), perforin 1 (*Prf1*), granzyme B (*Gzmb*), killer cell lectin-like receptor subfamily K, member 1 (Nkg2d or *Klrk1*), Cd68 antigen (*Cd68*), Cd74 antigen (*Cd74*), Cd207 antigen (*Cd207*), EGF-like module containing, mucin-like, hormone receptor-like sequence 1 (*Emr1*). Fas ligand (*Fasl*) was reported in [22].

Supplemental Fig. S1. Time course of changes in tumor expression levels of the indicated genes assayed by qPCR. The experiments were conducted as in Fig. 2, except that *Icam2* and *Vcam1* were assayed using pooled cDNA from n = 4 to 6 individual tumors.

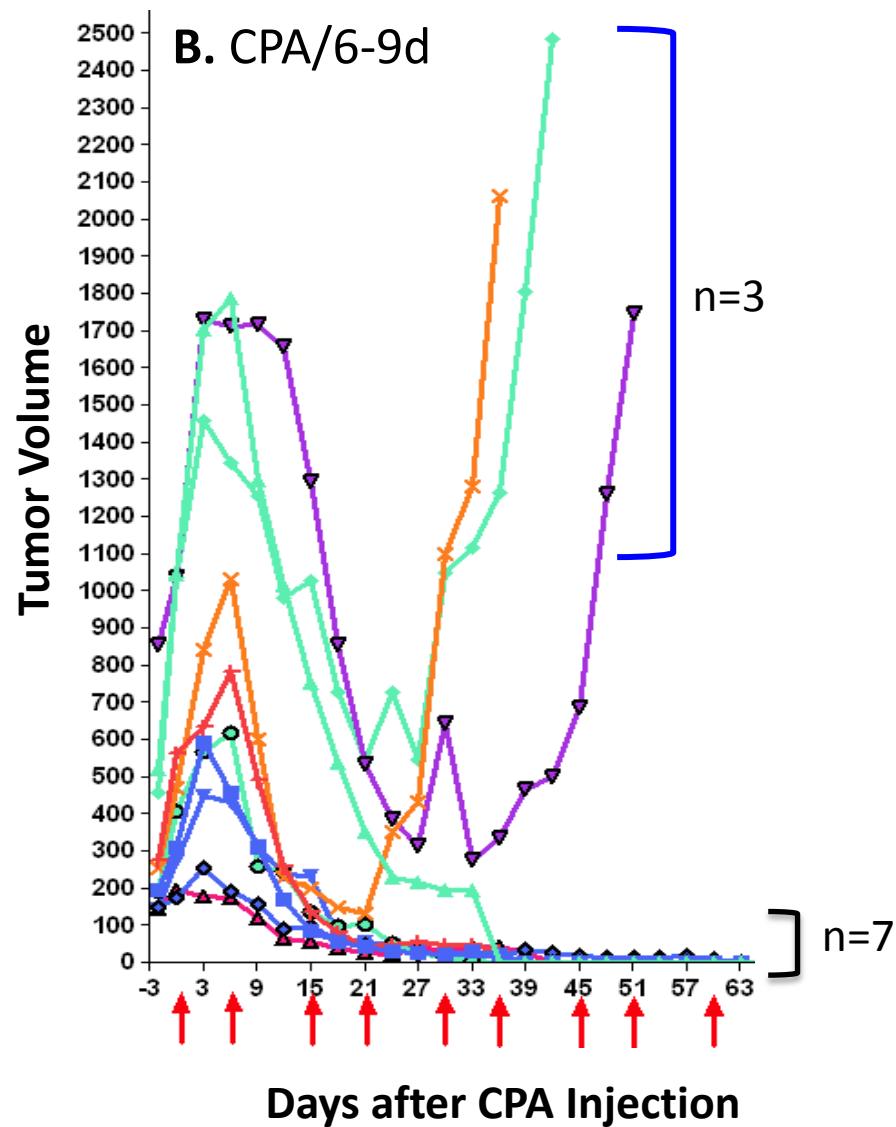
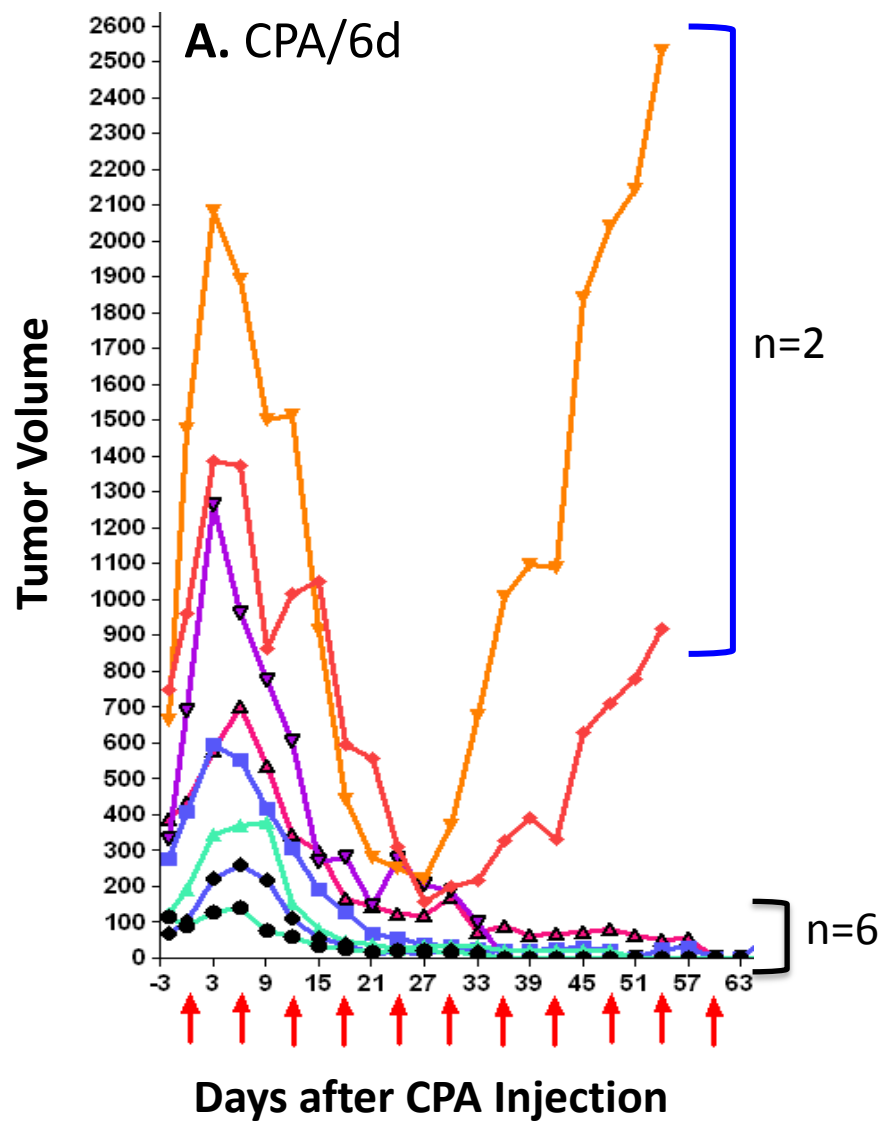
Supplemental Fig. S2. Individual GL261 tumor growth curves from four metronomic CPA treatment schedules (CPA/6d, CPA/9d, CAP/6-9d, and CPA(210)/9d). Rebounding and regressing tumor numbers are as indicated.

Supplemental Fig. S3. Body weights for GL261-bearing mice treated on the indicated metronomic CPA schedules. Data are normalized to the first treatment day (day 0). Body weight data are mean \pm SEM, n = 2, 4, 6, 5, 7 mice for untreated, CPA/6d, CPA/9d, CPA(210)/9d, CAP/6-9d, CPA/12d treatment groups, respectively. The CPA/12d and CPA/9d schedules were associated with higher total body weight than the CPA/6d or CPA(210)/9d schedules; however, these increases primarily reflect the increased tumor sizes in the CPA/12d and CPA/9d treated mice.

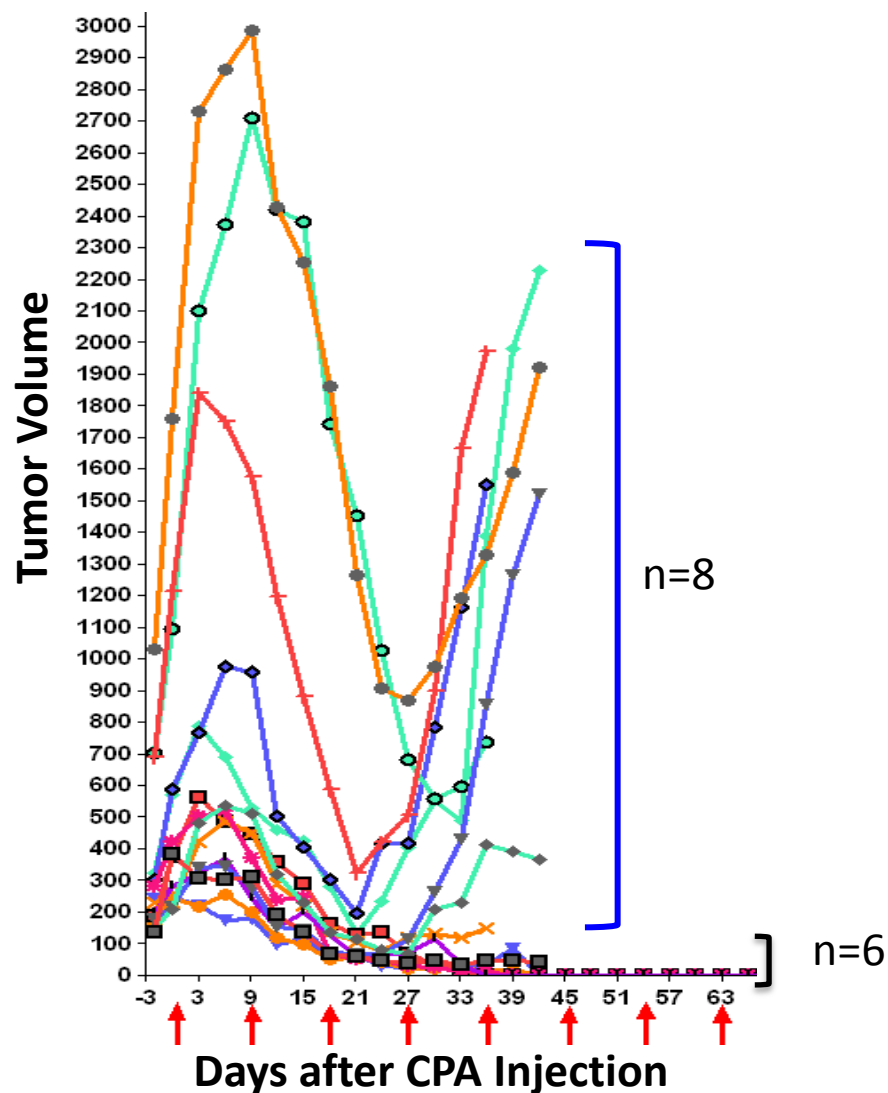
Supplemental Table S1.

Gene	Primer #	Primer Sequence (5' to 3')
interleukin 15 (IL15)	5095	forward: GAAGGCTGAGTTCCACATCTAACA
	5096	reverse: CTGCTGACATGGGTTTCTGTGTT
interleukin 18 (IL18)	5099	forward: TGTGACCCTCTCTGTGAAGGATAGT
	5100	reverse: GTTTCTGAAAGAATATGAGATCACTTTG
colony stimulating factor 1 (Csf1)	5089	forward: GAGGCTCCAGGAACTCTCCAAT
	5090	reverse: CAAGGAGATTCTTTGTTTCATTAAAGAAG
intercellular adhesion molecule 1 (Icam1)	4842	forward: CAAGGGCTGGCATTGTTCTCT
	4843	reverse: GGGTGTGCGAGCTTTGGGATG
vascular endothelial growth factor A (VEGFA)	3612	forward: CGACAGAAGGAGAGCAGAAGTCC
	3613	reverse: GACGGCAGTAGCTTCGCTGG
chemokine (C-X-C motif) ligand 10 (Cxcl10)	3373	forward: ACCATGAACCCAAGTGCTGCC
	3374	reverse: CTATGGCCCTCATTCTCACTGGCC
Toll-like receptor 7 (Tlr7)	5141	forward: GGATGATCCTGGCCTATCTCTGA
	5142	reverse: TCTCTTCCGTGTCCACATCGA
intercellular adhesion molecule 2 (Icam2)	4846	forward: TTGCTGGAGCCTGTCTCTTCTTA
	4847	reverse: GCAGTTGGTGCTGCAGTTGAT
vascular cell adhesion molecule 1 (Vcam1)	4840	forward: TCTGGGAAGCTGGAACGAAGT
	4841	reverse: CAGCCTGTAAACTGGGTAAATGTCT
chemokine (C-X-C motif) ligand 9 (Cxcl9)	5076	forward: GAAGAAGCTGATGAAAGAATGGGAA
	5077	reverse: ATTCAGGGTGCTTGTGGTAAAGTAA
chemokine (C-X-C motif) ligand 11(Cxcl11)	4878	forward: GCTGAGATGAACAGGAAGGTCACA
	4879	reverse: TGCCATTTTGACGGCTTTCAT

Fig. S2A, S2B



C. CPA/9d



D. CPA(210)/9d

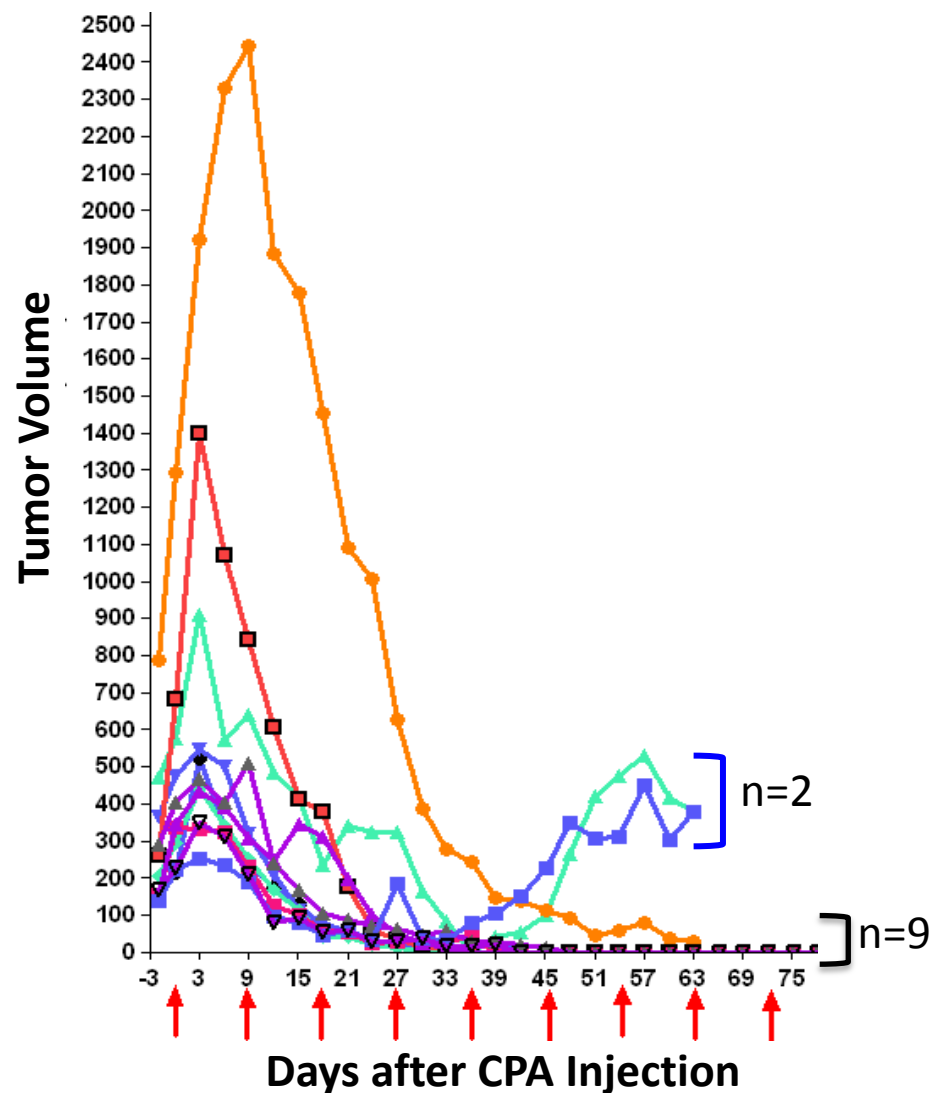


Fig. S3

