Epitope spreading toward wild type melanocyte-lineage antigens rescues suboptimal immune checkpoint blockade responses

Scientific premise 3 Hypothesis

Tolevance

Background > Rx

Overview > Epitipe spreeding

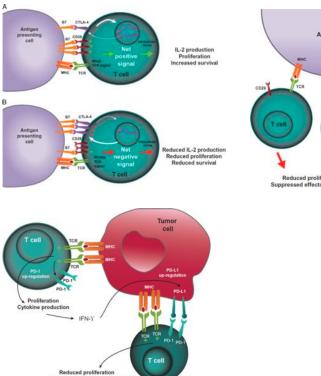
Parts -> Mice

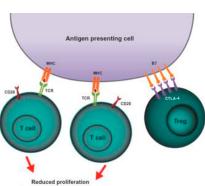
Pictures used > cell lines

Experiments

Chas => Guess

Tolerance

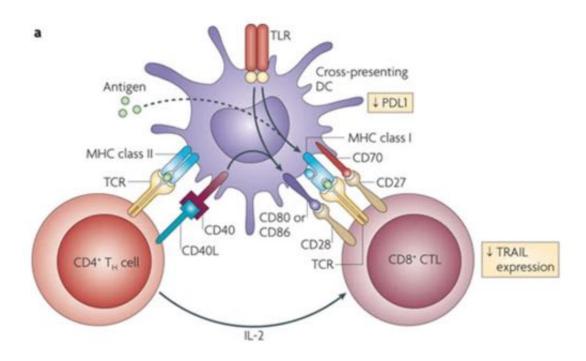


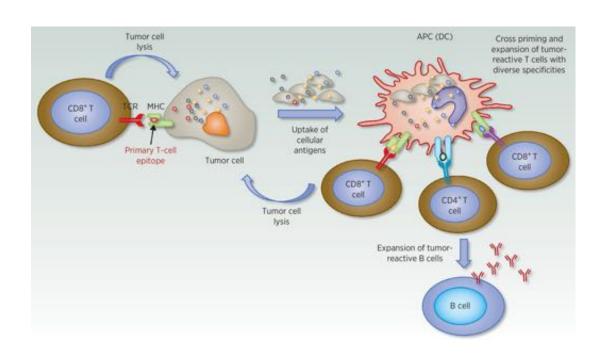


Therapy (202, Zmigymod, aft)

Lymph node Tumor site anti-PD-1 Activation, proliferation Tumor cell PD-L1 Migration to tumor site Antigen presenting cell Activation, proliferation Tumor antigen Tumor elimination uptake

Cross-priming ? epitale spreading





Accord (114C, Floa, Blik PNA-sg)

Mie (09784/6, NSG, 8A78F-/-)

Tumu Cell Mis (D4M3A, D4M3A.3, UV2, KPC, KPC+SMA)

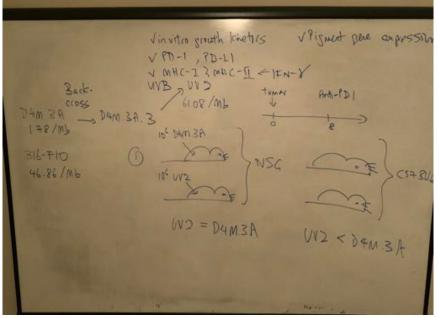
Figures (Crowth coves, Swillal ower, Gene set enrichment, Bar dats, scatter plots, life images)

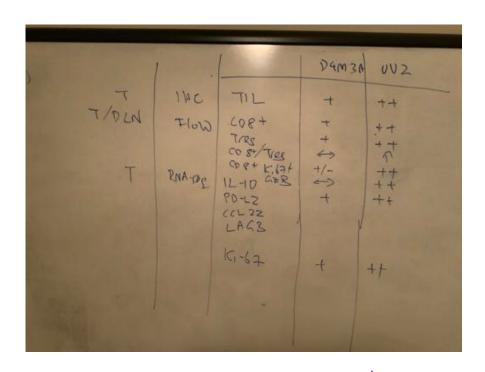
Experiment #1 (Fig 2 + Fig 8)

A nevertiger -> Timame response

8/52

Thuman anti-PD





Expt #2 (FIST, FISA-SE) * what Zmi does

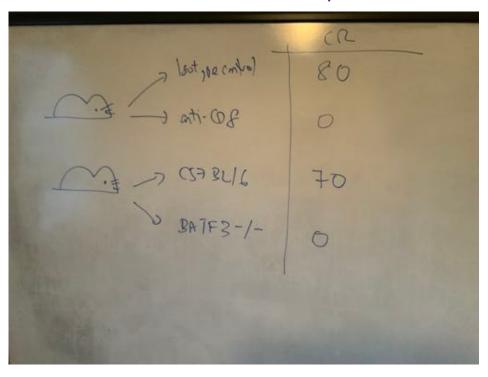
3Rx - Spitom splead

FiSD,SE

			-417		1
9200	aFP	Impained	ent-PD-1	anti-CTLA4	CR
14m.3A	1+11++1+1+	+1+1+1+11	++++++	+ 3	0000 50 000 55

Expt #3 (Fy SF/SG)

Block OF or anci-pinning -> No town rejection



Expt #4 (Fig 6) Tepitye medal -> long-term broad protection

UNZ -> (R =	816-F16 B16-F16 B16-F16	0%. 38% 0% 100% No streed reconfigur (WES)
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