

FIGURE 1

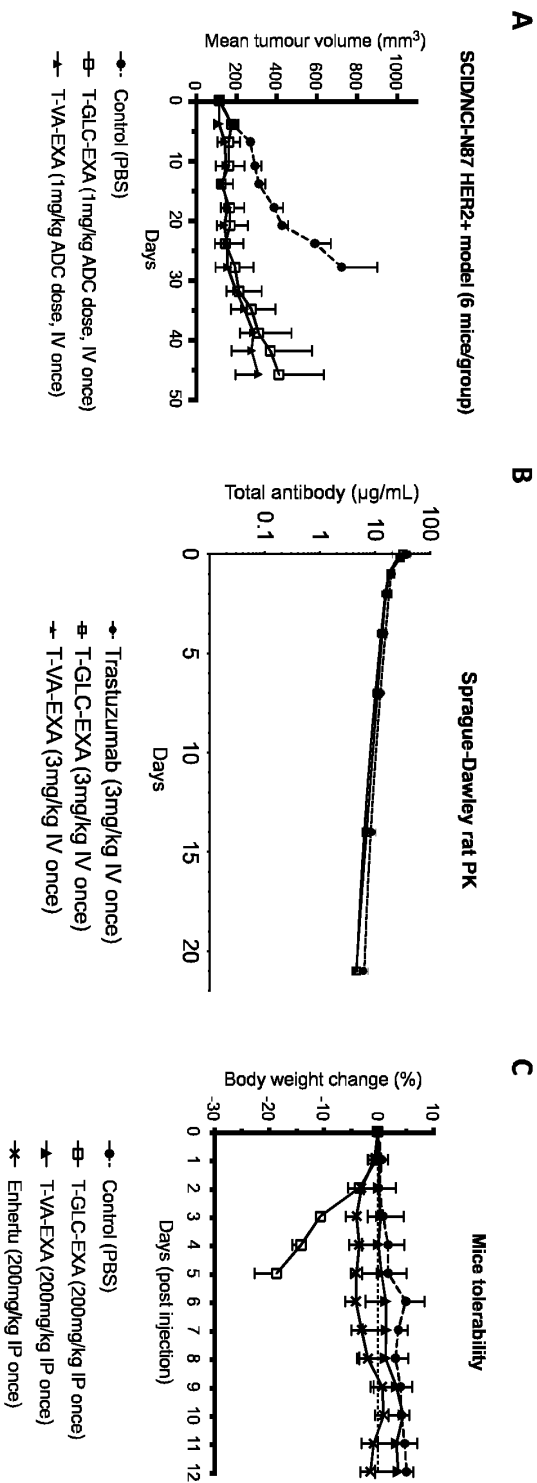


FIGURE 2

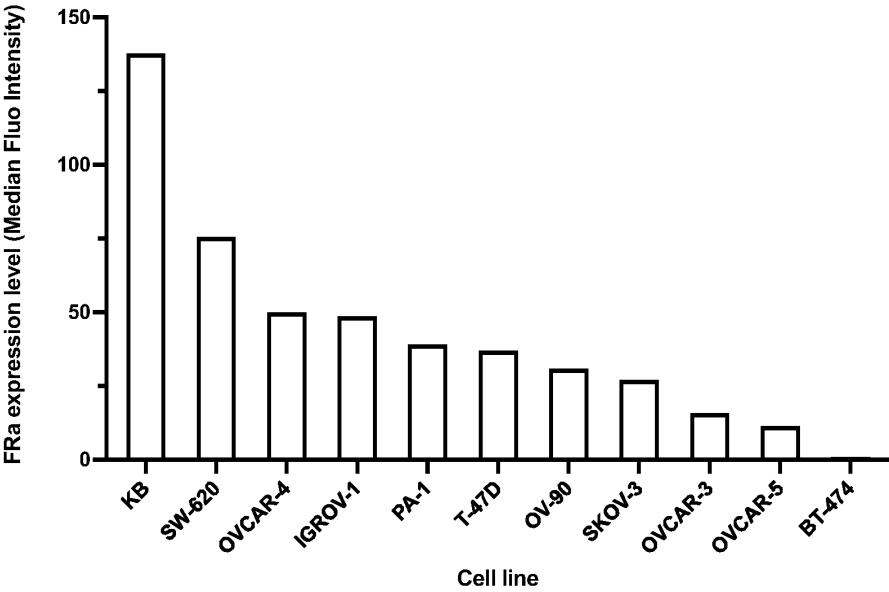


FIGURE 3

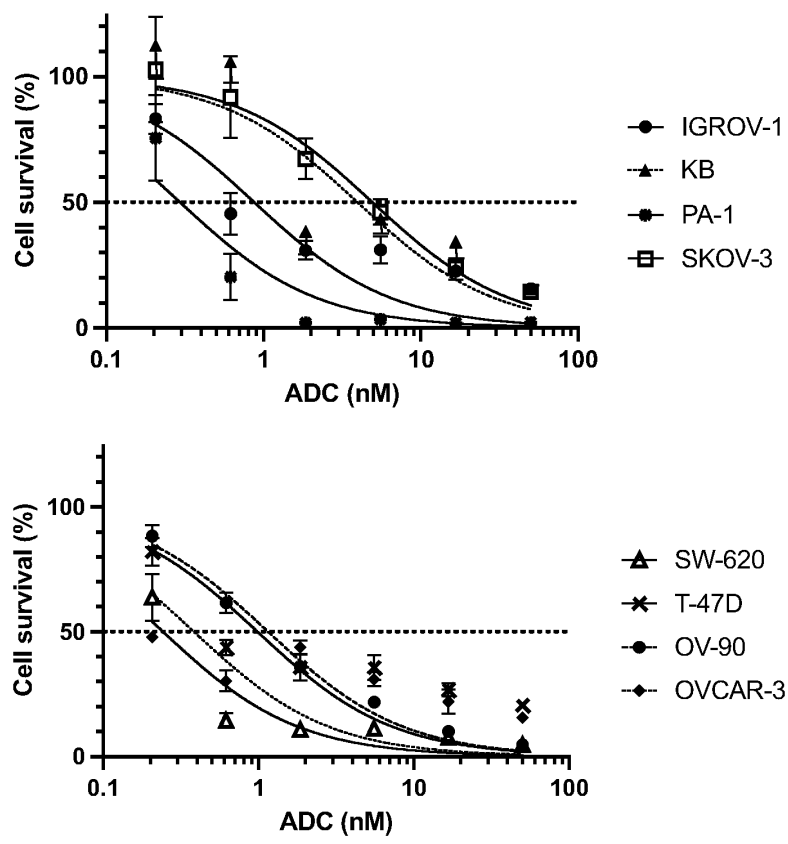


FIGURE 4

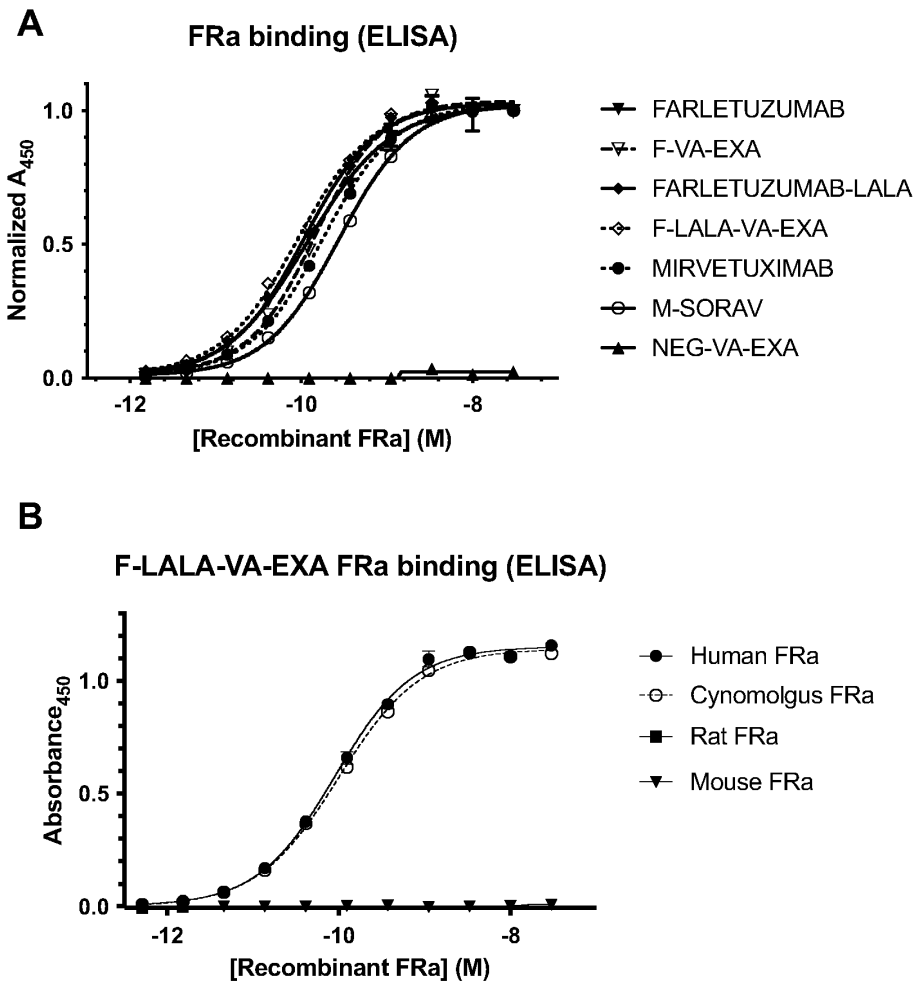


FIGURE 5

	k_a (1/M.s)	s.d. k_a (1/M.s)	k_d (1/s)	s.d. k_d (1/s)	K_D (M)	s.d. K_D (M)
MIRVETUXIMAB	1.15×10^6	2.12×10^3	2.44×10^{-4}	2.83×10^{-7}	2.11×10^{-10}	7.01×10^{-14}
M-SORAV	1.26×10^6	4.24×10^3	3.27×10^{-4}	1.70×10^{-6}	2.60×10^{-10}	4.95×10^{-13}
FARLETUZUMAB	1.90×10^6	1.73×10^6	3.61×10^{-2}	1.81×10^{-2}	2.51×10^{-8}	1.33×10^{-8}
F-VA-EXA	1.00×10^6	0.06×10^6	3.06×10^{-2}	0.03×10^{-2}	3.09×10^{-8}	0.02×10^{-8}
FARLETUZUMAB-LALA	1.34×10^6	0.58×10^6	3.21×10^{-2}	0.48×10^{-2}	2.55×10^{-8}	0.75×10^{-8}
F-LALA-VA-EXA	1.33×10^6	0.02×10^6	3.68×10^{-2}	0.13×10^{-2}	2.78×10^{-8}	0.07×10^{-8}
NEG CTRL SINO BIO LOGICALS CAT#HG1K	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.
NEG-VA-EXA	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.

5 k_a : association rate constant, mean calculated over replicates

s.d. k_a : standard deviation of association rate constant

10 k_d : dissociation rate constant, mean calculated over replicates

15 s.d. k_d : standard deviation of dissociation rate constant

K_D : affinity constant, calculated as k_d/k_a

20 s.d. K_D : standard deviation of affinity constant

n.d.: not determined

FIGURE 6

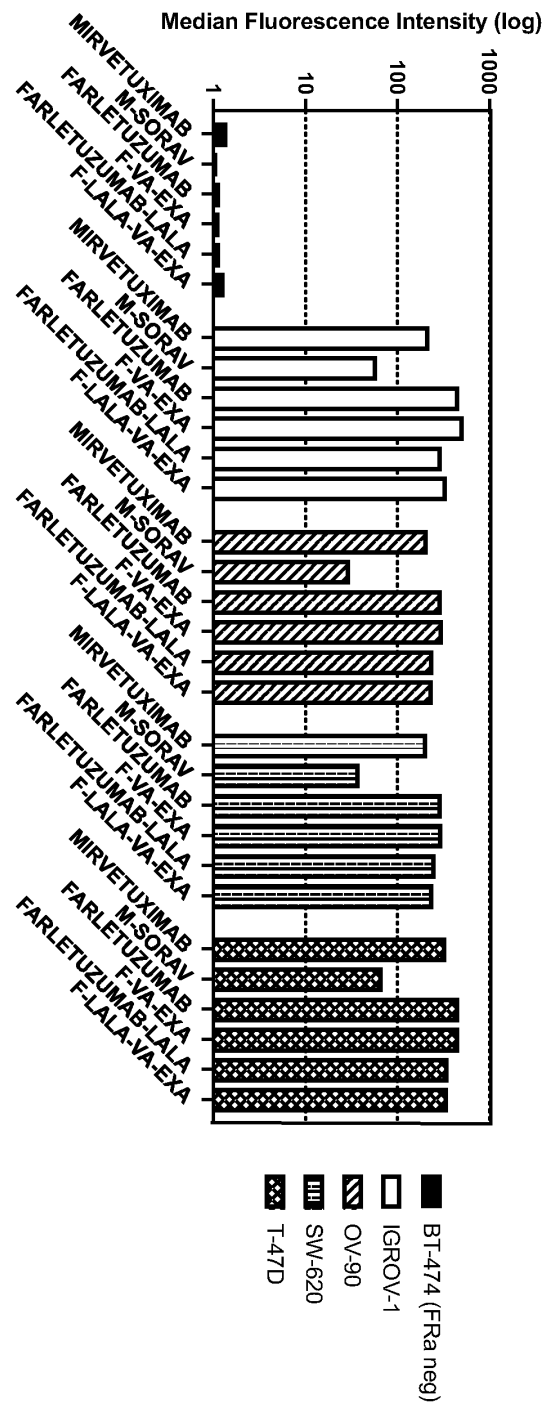


FIGURE 7

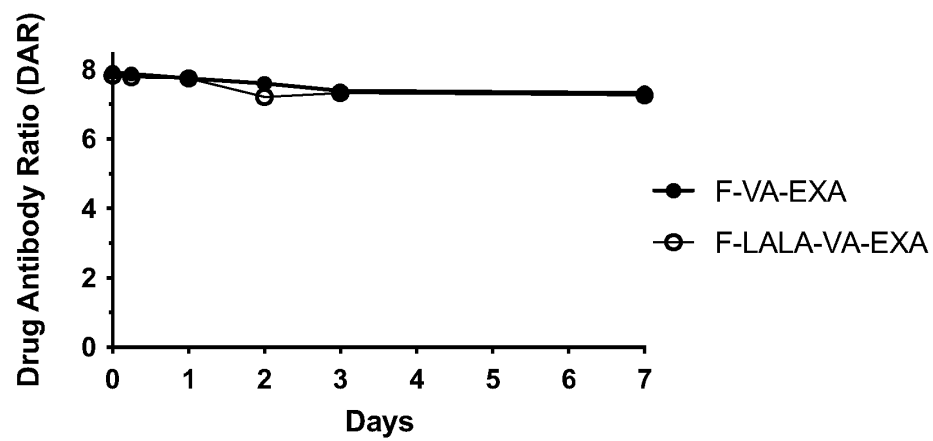


FIGURE 8

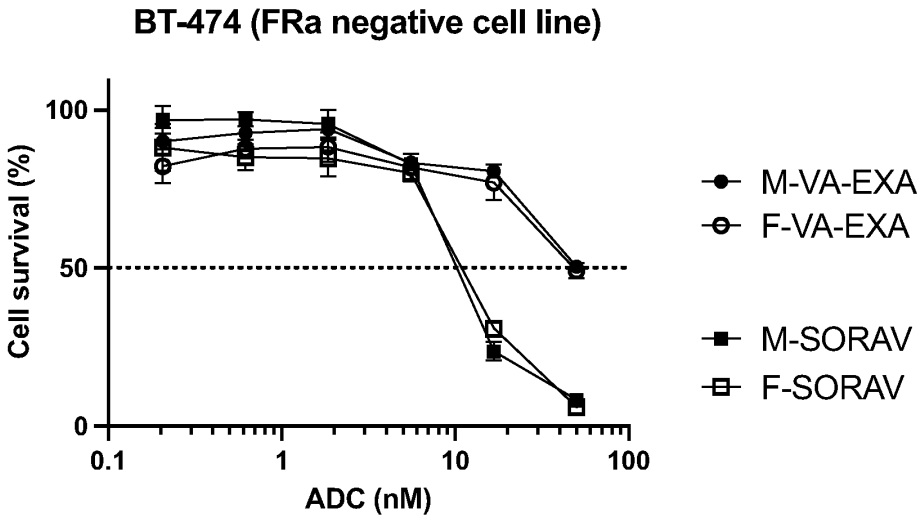


FIGURE 9

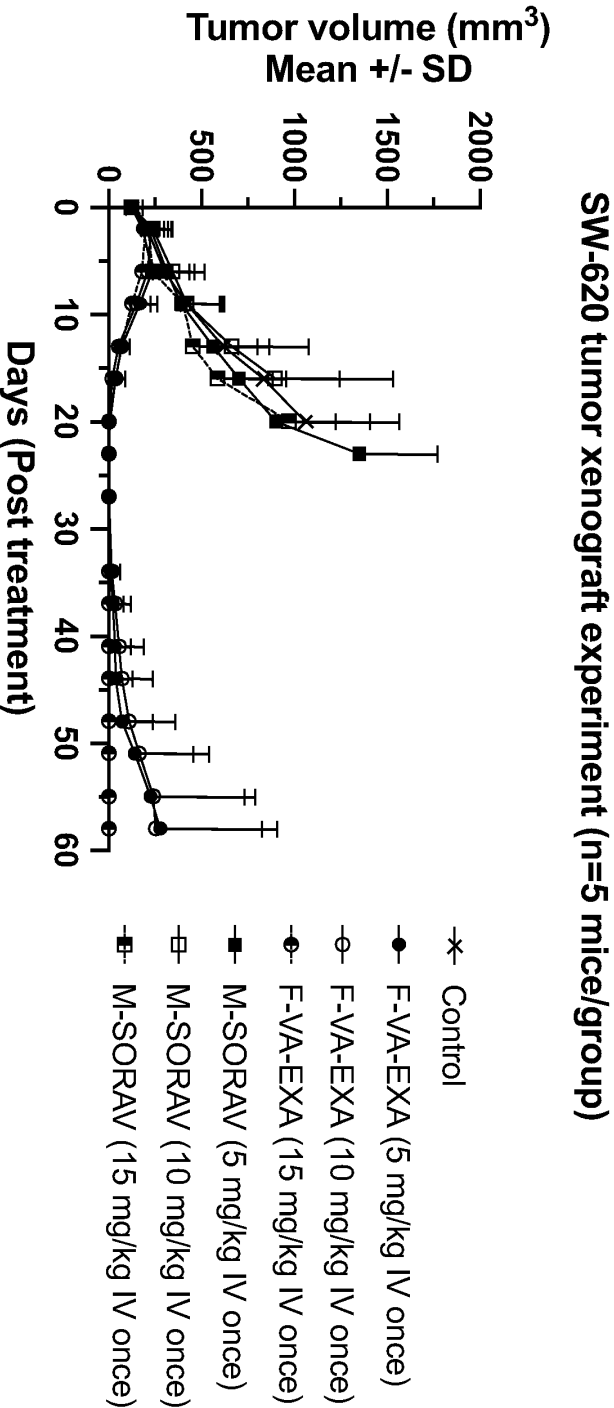
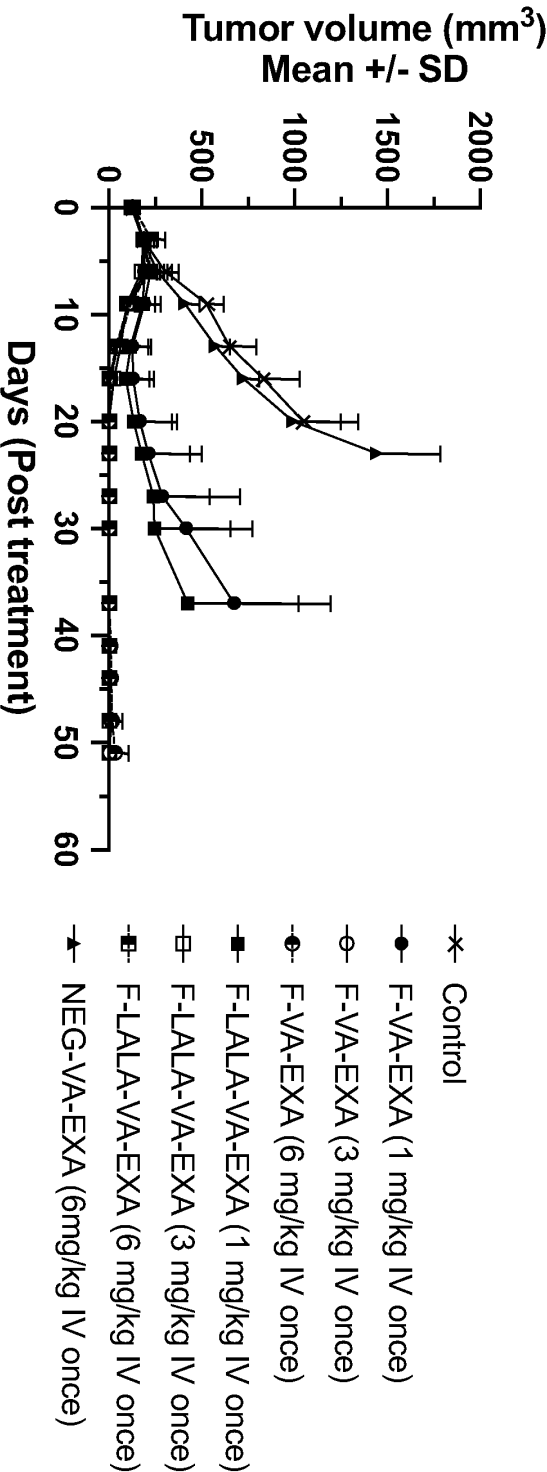


FIGURE 10



SW-620 tumor xenograft experiment (n=7 mice/group)

FIGURE 11

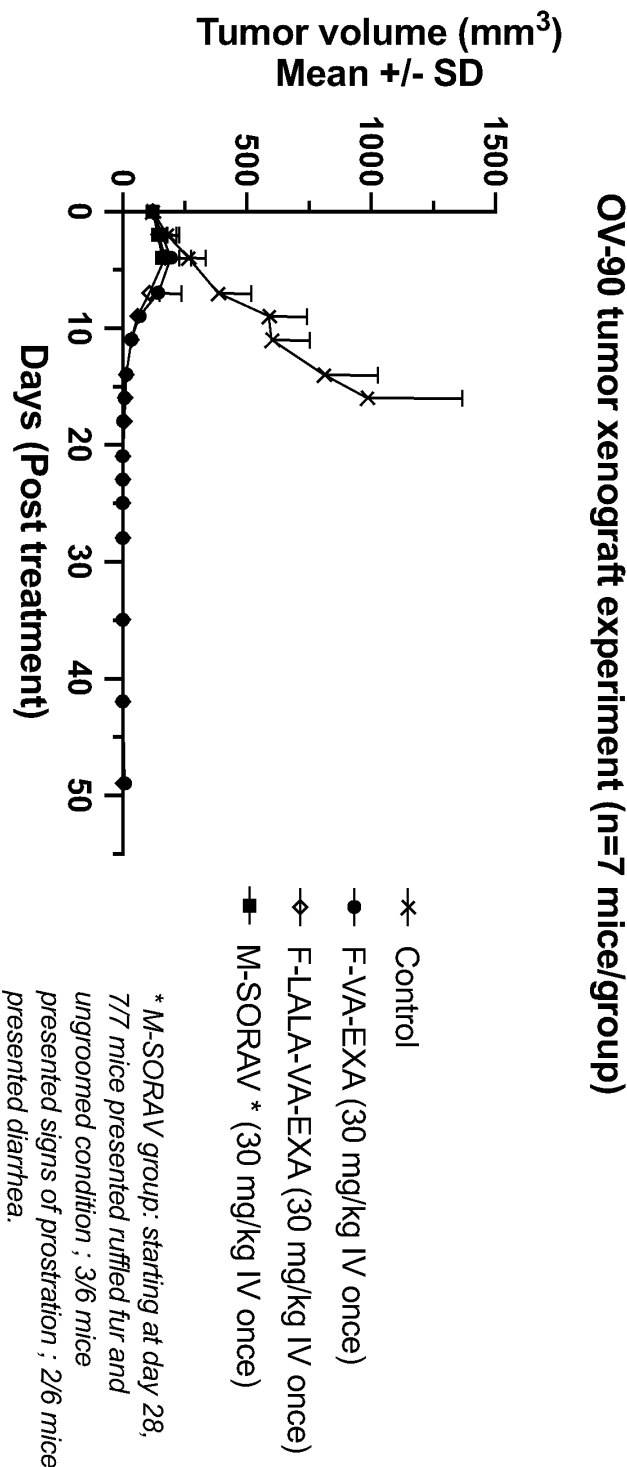
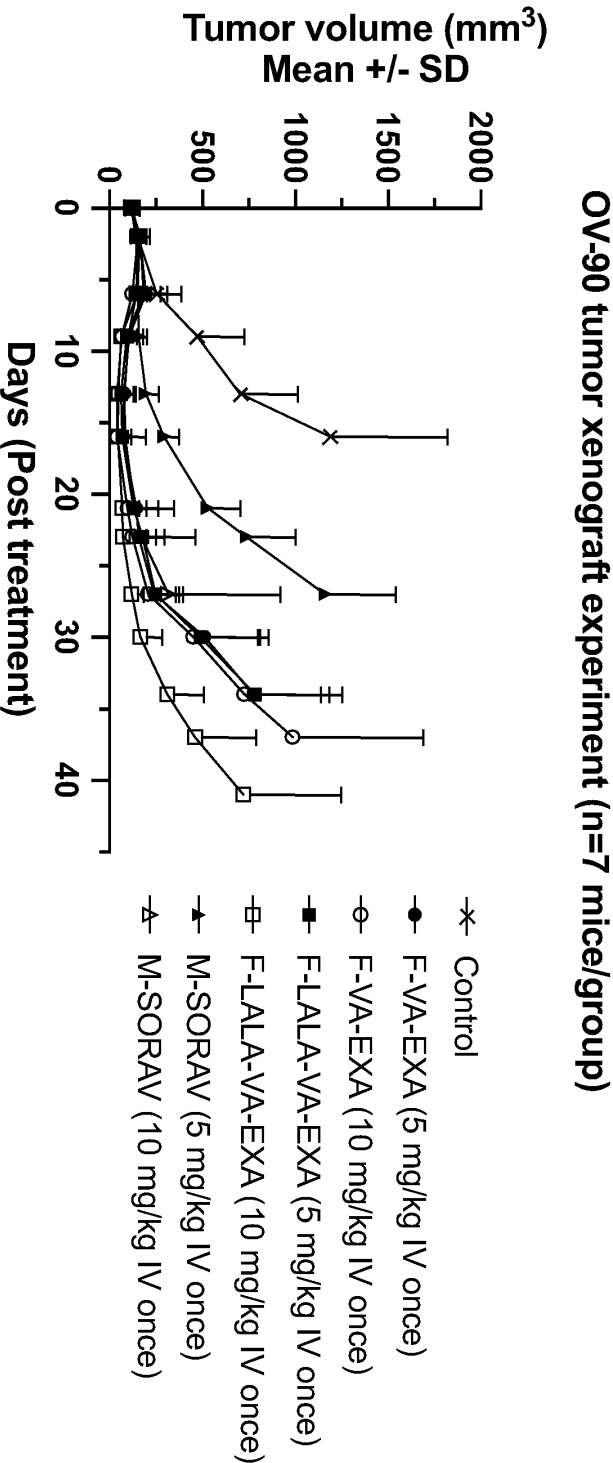
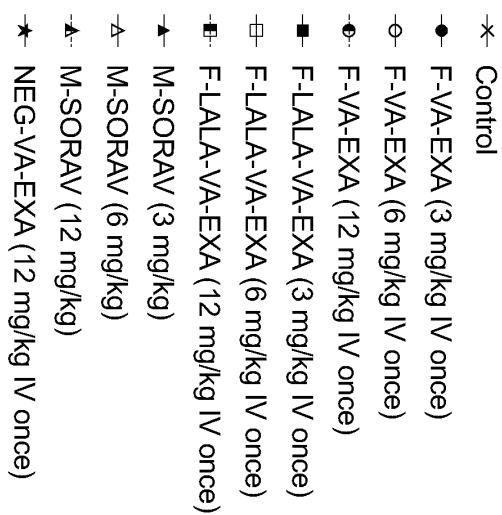


FIGURE 12



KB tumor xenograft experiment (n=7 mice/group)



PA-1 tumor xenograft experiment (n=7 mice/group)

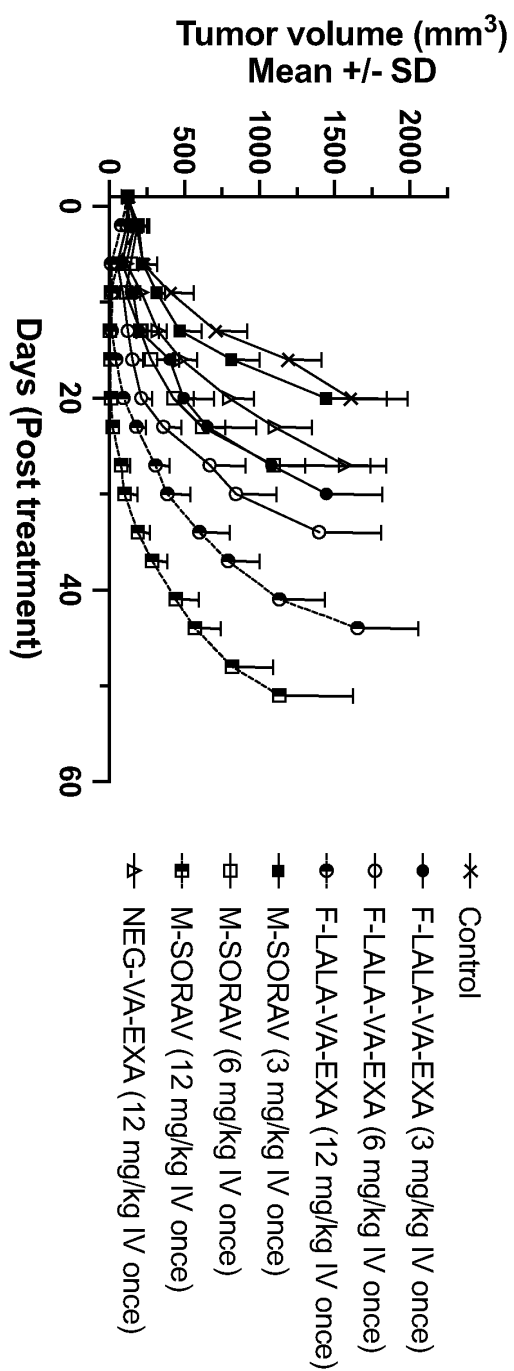


FIGURE 15

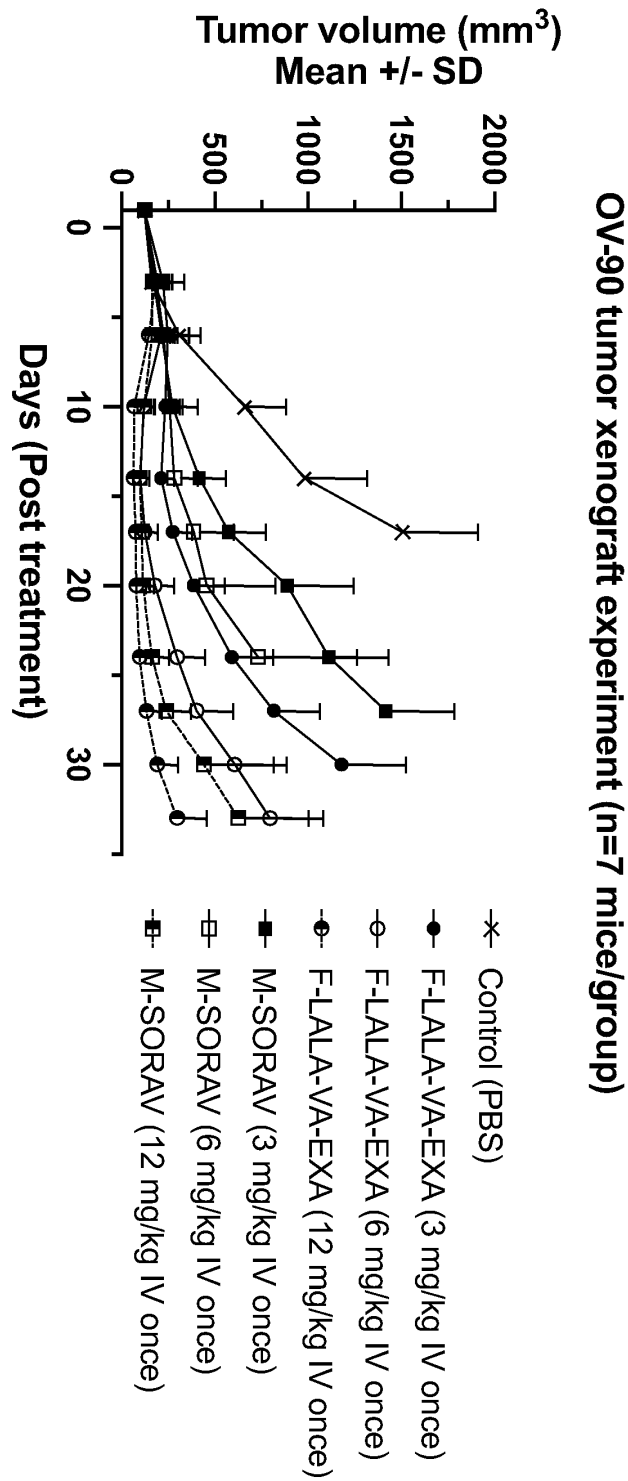


FIGURE 16

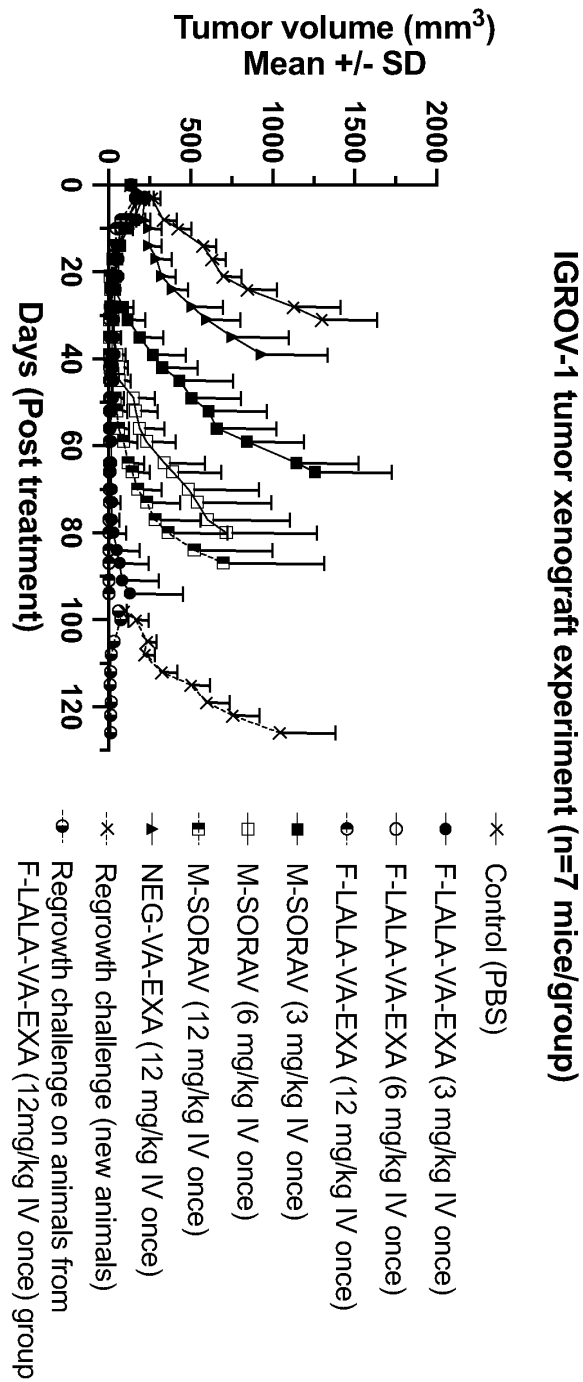


FIGURE 17

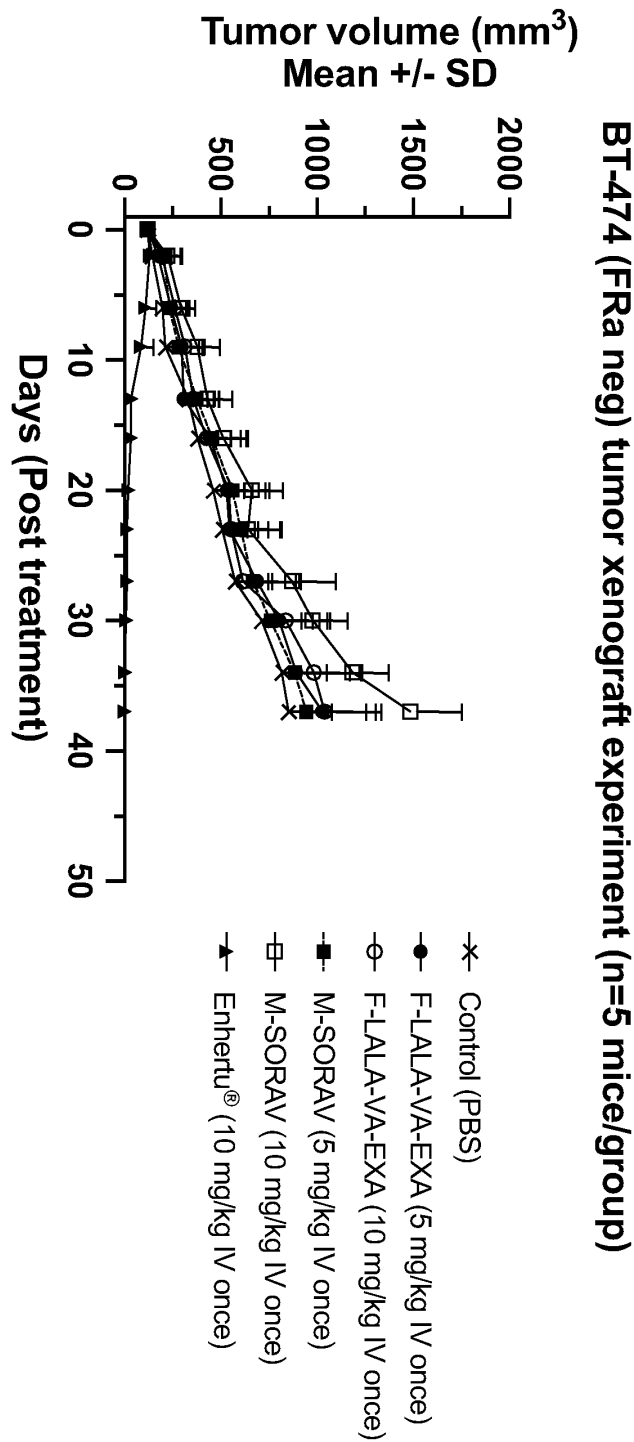


FIGURE 18

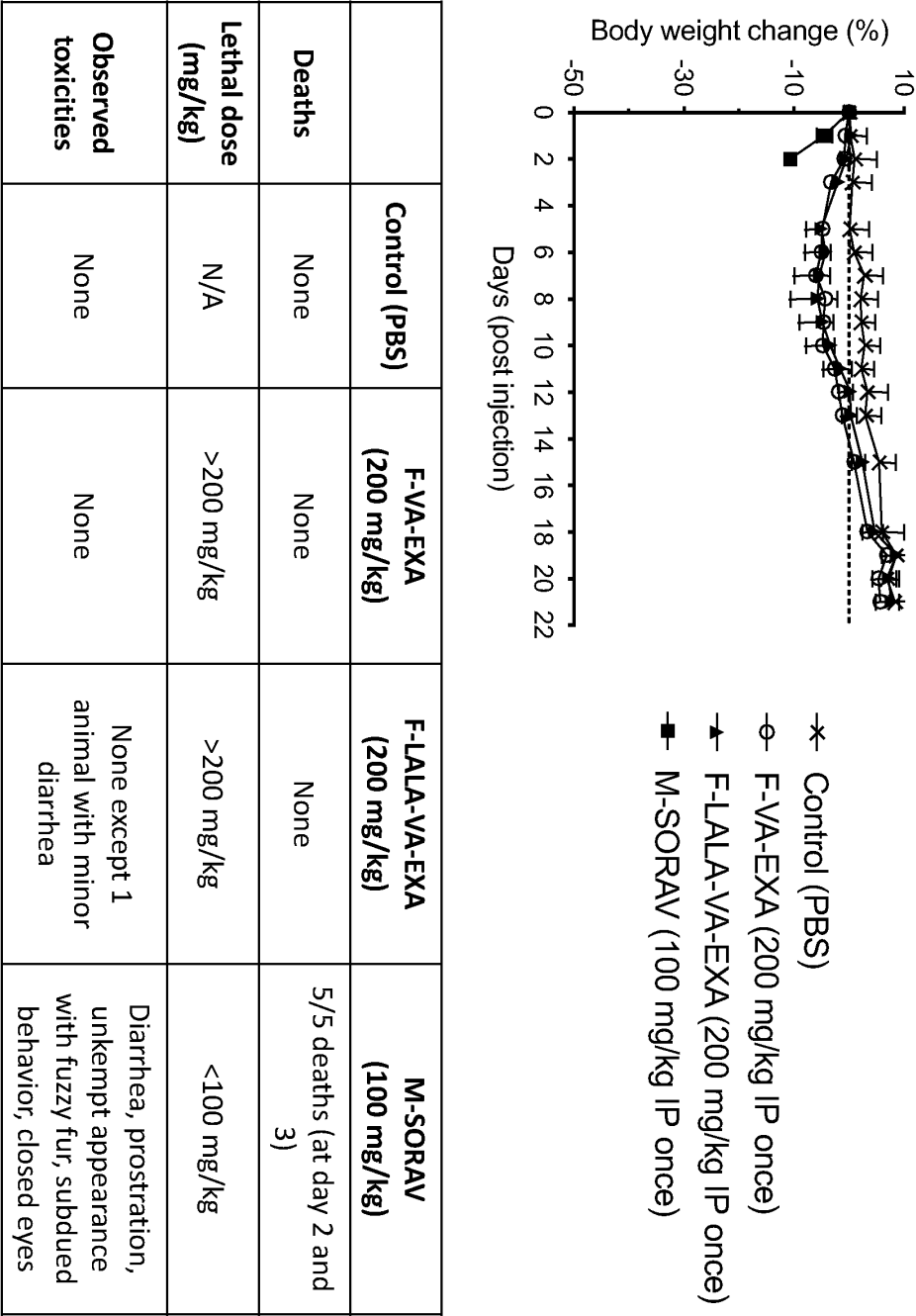


FIGURE 19

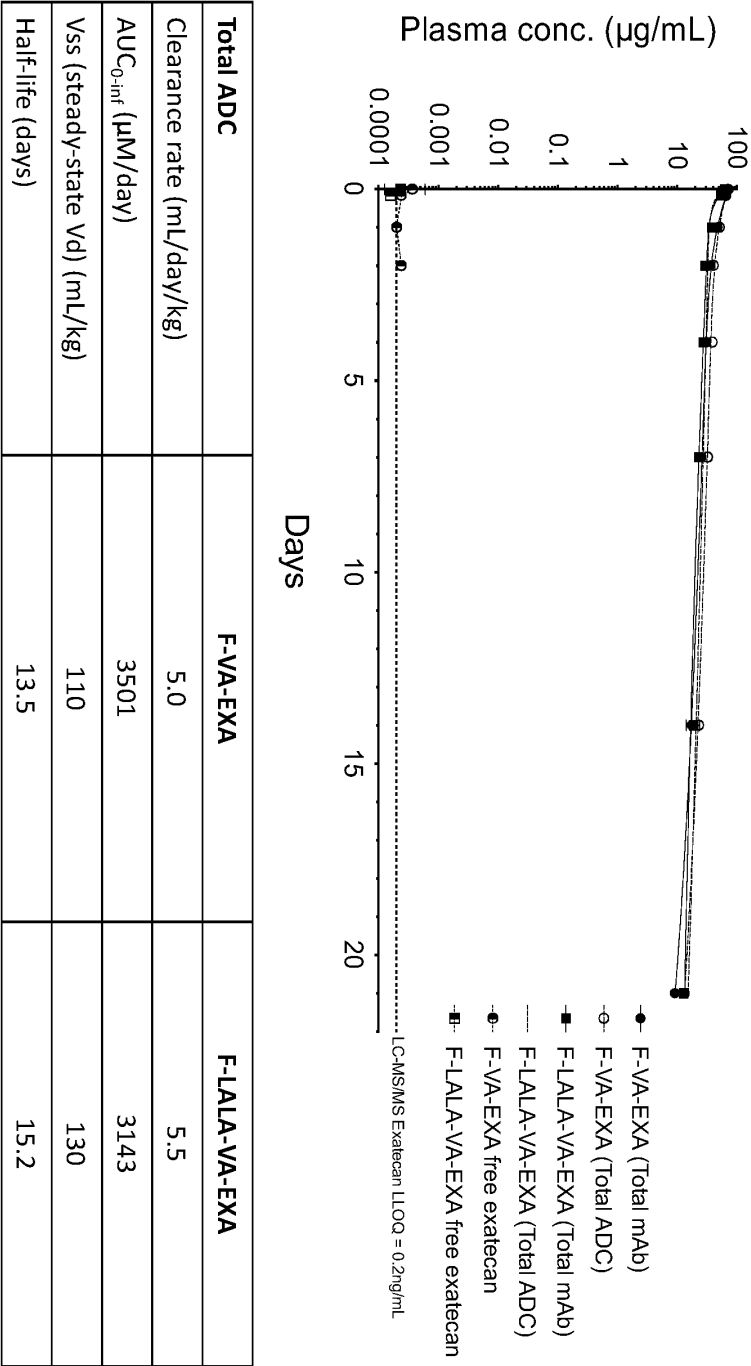


FIGURE 20

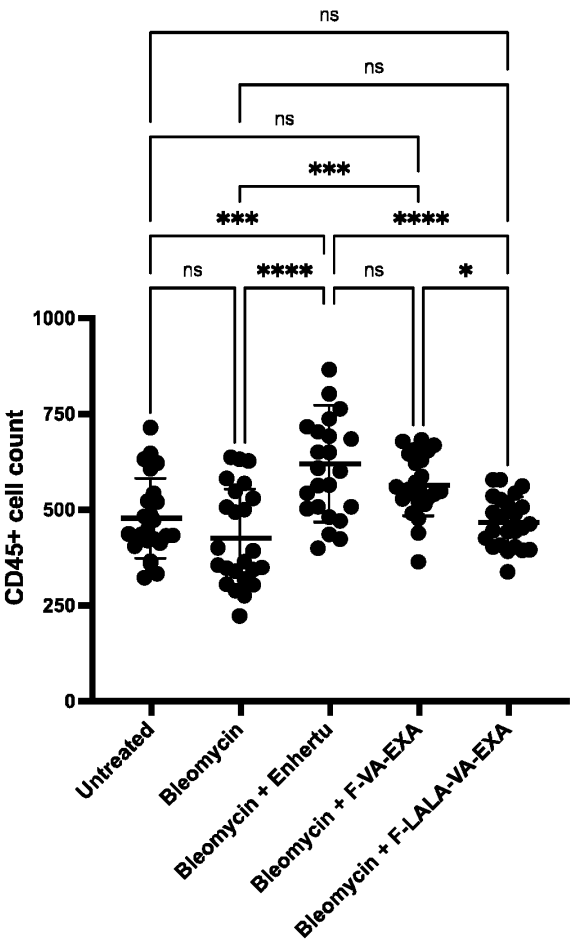
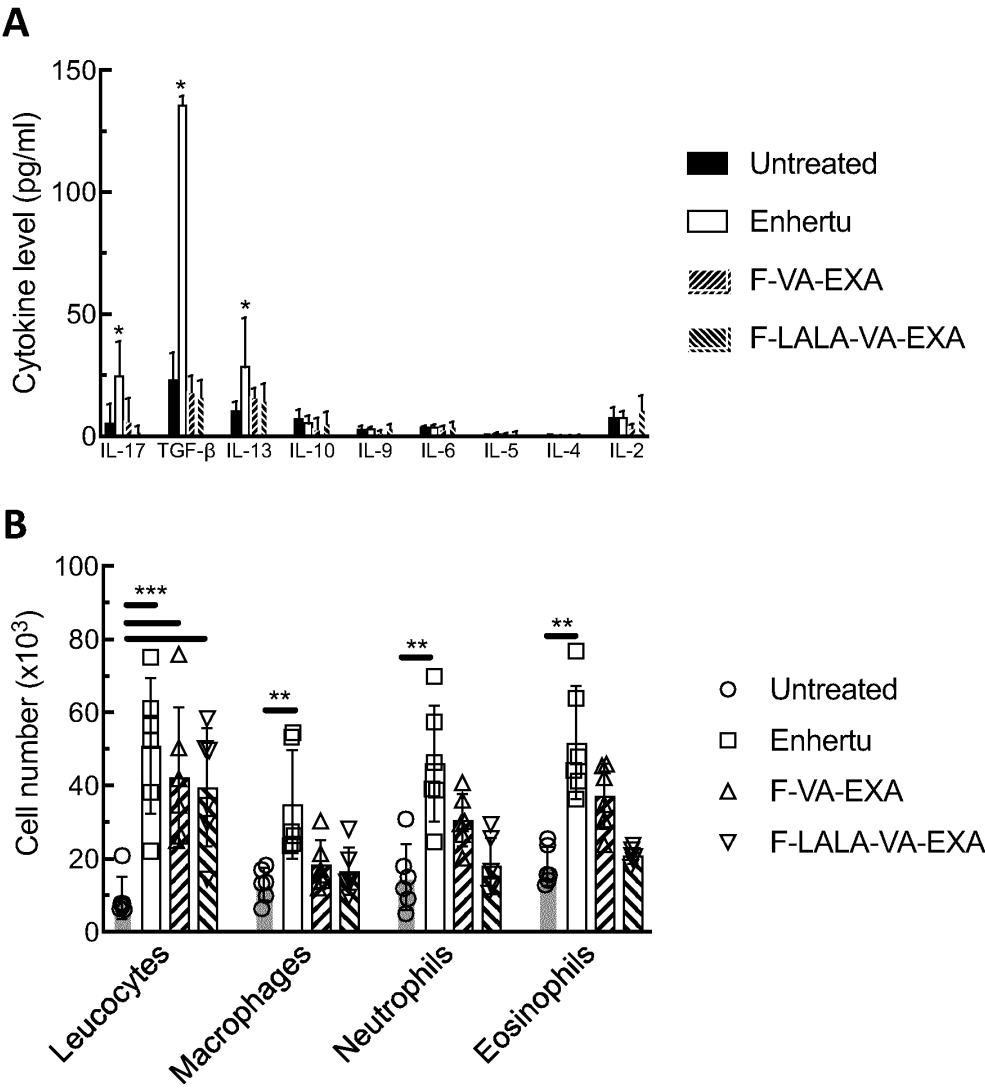


FIGURE 21



22/22

FIGURE 22

Doses	30mg/kg	40mg/kg	50mg/kg	60mg/kg
Regimens	Intravenous, every 3 weeks Days 1, 22, 43 (3 times in total)			
Lethal dose	Tolerated	Tolerated	Tolerated	Not tolerated, animal #1 euthanasia at day 9 and animal #2 scheduled euthanasia at day 21
Body weight and food consumption	Normal	Normal	Normal	Weight loss and decreased food consumption
Hematology	Normal RBC Normal WBC	Normal RBC Normal WBC	Normal RBC Decreased WBC, reversible	Normal RBC Decreased WBC
Clinical chemistry	Normal	Normal	Normal	Increased creatinine, urea and perturbed electrolytes. Increased reversible alanine transaminase, aspartate transaminase and total bilirubin
Target organs and tissues, histopathology	Reversible liquid feces. Few dark skin spots in some animals. Minor (non-adverse) kidney tubular regeneration and/or tubular casts.			
HNSTD	50 mg/kg (3 times in total, every 3 weeks)			

RBC= red blood cells ; WBC = white blood cells ; HNSTD = highest non-severely toxic dose