

**S2 Table**

**Fig 3A & 3B data: Dose escalation study of  $^{89}\text{Zr}$ -GSK2849330 (%ID/g), n = 4 per group**

	GSK2849330 (0 mg/kg)		GSK2849330 (0.3 mg/kg)		GSK2849330 (1 mg/kg)		GSK2849330 (3 mg/kg)		GSK2849330 (10 mg/kg)	
	Mean	SEM	Mean	SEM	Mean	SEM	Mean	SEM	Mean	SEM
Blood	0.46	0.03	0.57	0.04	1.05	0.09	2.28	0.25	8.43	0.61
Lung	1.04	0.10	1.85	0.17	2.71	0.22	3.30	0.37	6.65	0.62
Heart	1.01	0.01	0.90	0.10	1.22	0.10	1.59	0.18	3.76	0.24
Pancreas	0.48	0.03	0.85	0.34	1.36	0.16	1.35	0.14	1.77	0.14
Tumor	1.86	0.16	4.08	0.59	7.97	0.58	11.41	1.00	12.66	1.05
Skin	0.46	0.07	0.72	0.07	1.12	0.13	1.68	0.11	2.00	0.15
Muscle	0.33	0.04	0.56	0.06	0.53	0.04	0.83	0.11	1.42	0.11
GI	0.95	0.18	2.26	0.14	3.99	0.21	4.10	0.17	2.39	0.09
Urine	0.29	0.09	0.26	0.11	0.17	0.02	0.25	0.06	0.34	0.04
Femur	3.69	0.28	4.22	0.50	6.78	1.71	5.16	0.36	4.22	0.33
Brain	0.10	0.03	0.08	0.00	0.11	0.00	0.39	0.24	0.29	0.02
Stomach	0.42	0.07	0.77	0.05	1.65	0.17	1.32	0.38	1.52	0.20
Thyroid	0.90	0.09	2.42	0.55	3.63	0.27	4.23	0.08	3.65	0.35
Liver	27.77	1.85	15.17	1.05	12.64	1.17	10.30	0.63	8.96	0.35
Kidneys	10.96	1.33	9.29	0.94	12.04	0.74	11.26	0.85	12.67	1.20
Spleen	7.79	1.08	10.38	2.31	14.69	1.11	16.38	2.83	17.99	3.10

**Fig 3C & 3D data: Dose escalation study of  $^{89}\text{Zr}$ -GSK2849330, n = 4 per group**

	GSK2849330 (0 mg/kg)		GSK2849330 (0.3 mg/kg)		GSK2849330 (1 mg/kg)		GSK2849330 (3 mg/kg)		GSK2849330 (10 mg/kg)	
	Mean	SEM	Mean	SEM	Mean	SEM	Mean	SEM	Mean	SEM
Liver/Blood	60.46	4.12	27.22	3.19	12.22	1.19	4.64	0.43	1.07	0.03
Tumor/Blood	4.07	0.44	7.31	1.30	7.89	1.22	5.15	0.62	1.50	0.04