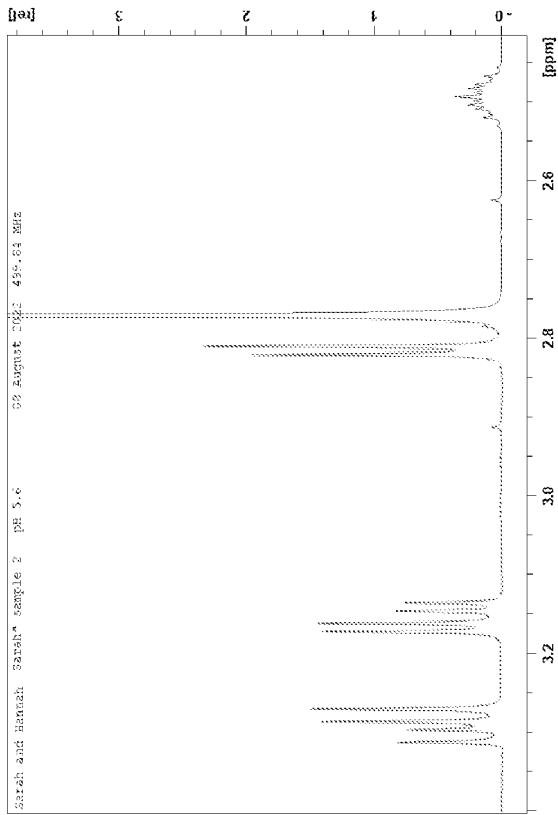
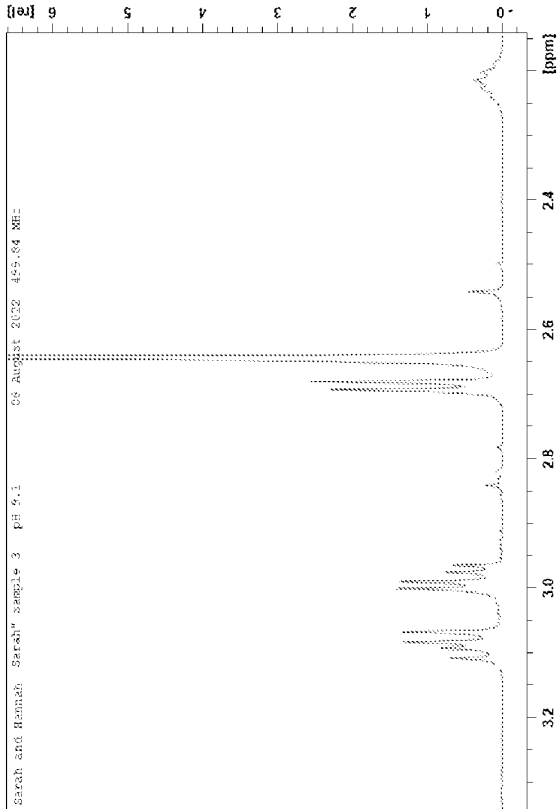


FIGURE 1: PrC-210 stability within pH range of pH 5.6 to pH 9.1

A



B



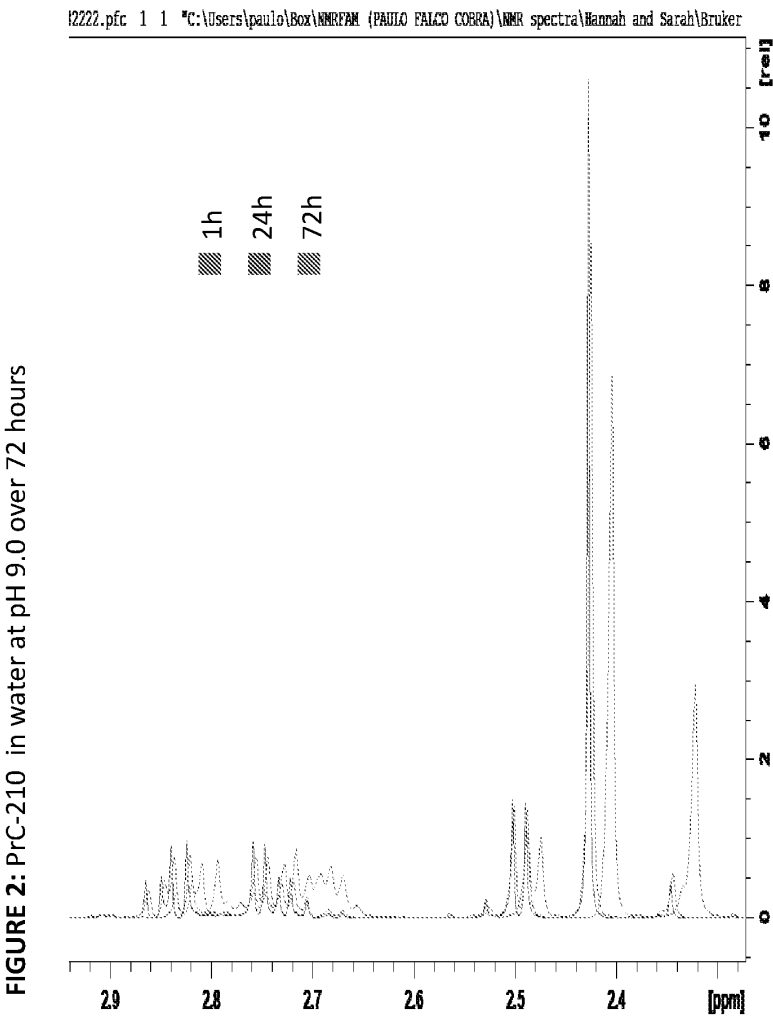


FIGURE 3: PrC-210 pKa's are above pH 10.0

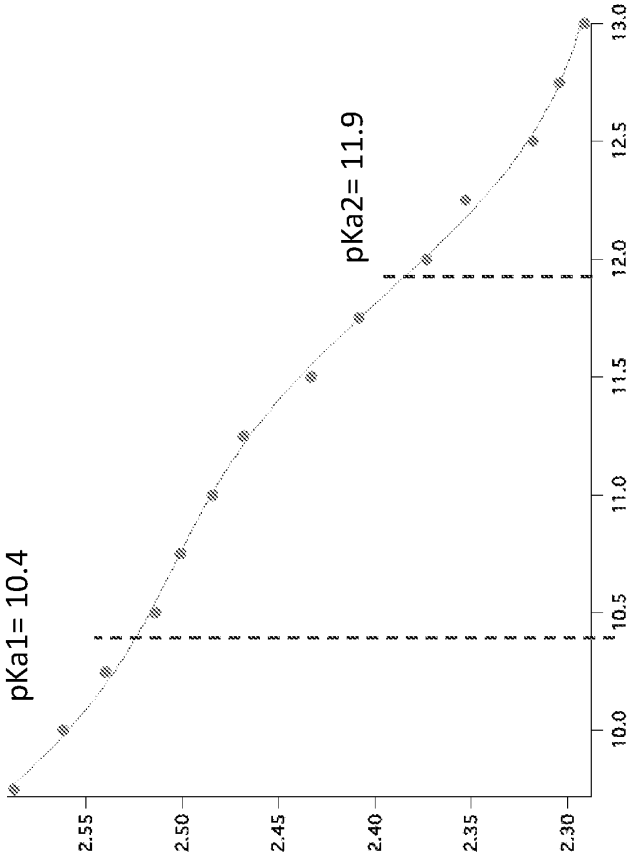


FIGURE 4: PrC-210 change of conformation in ammonium acetate buffer at pH 7 over 24hr

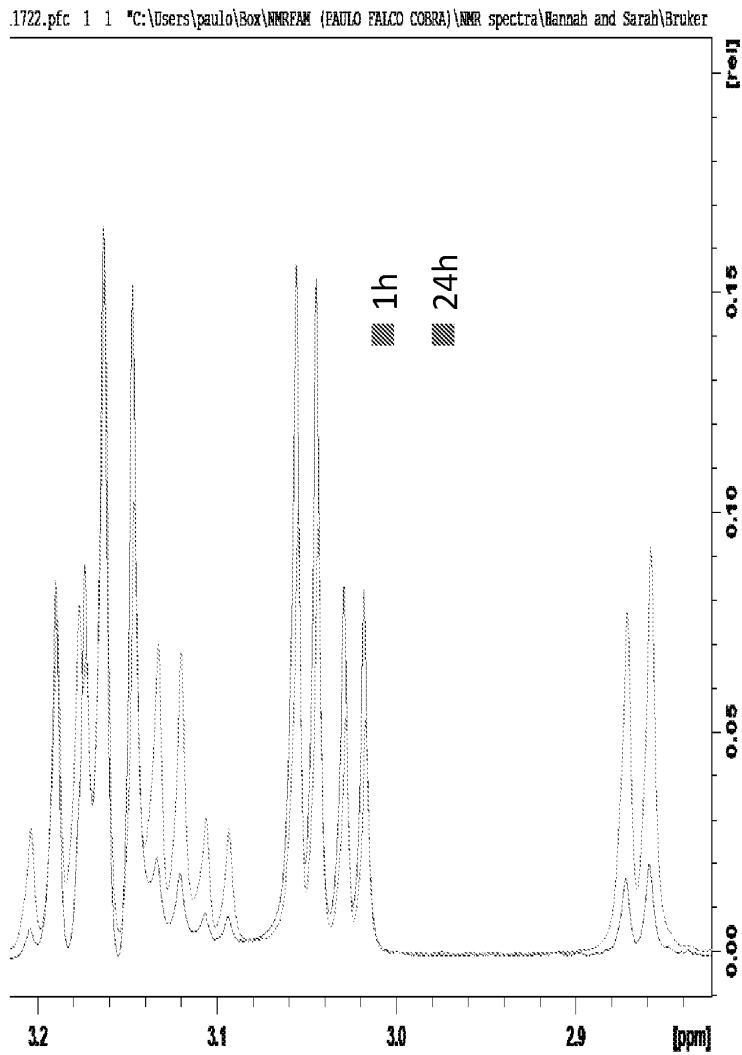


FIGURE 5: PrC-210 thiol conformation remains stable for 24hr in ammonium acetate at pH 7 with thiol blocker TCEP

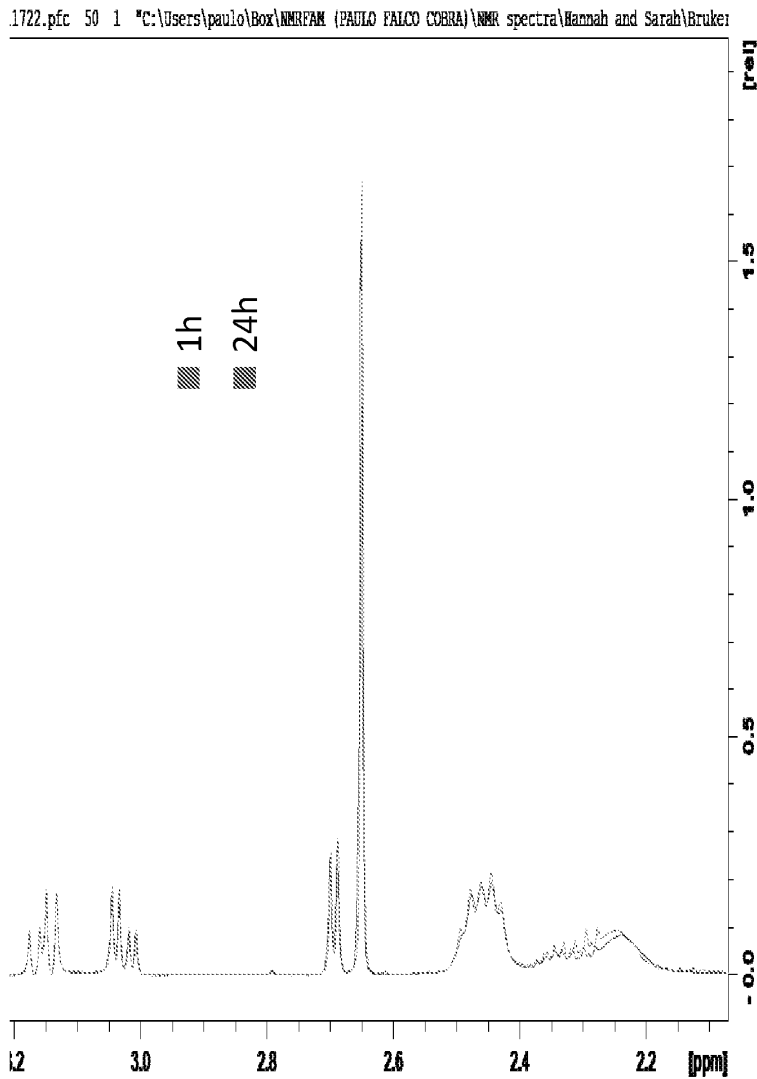


Figure 6: The PrC-210 Thiol to Disulfide Reaction Cycle

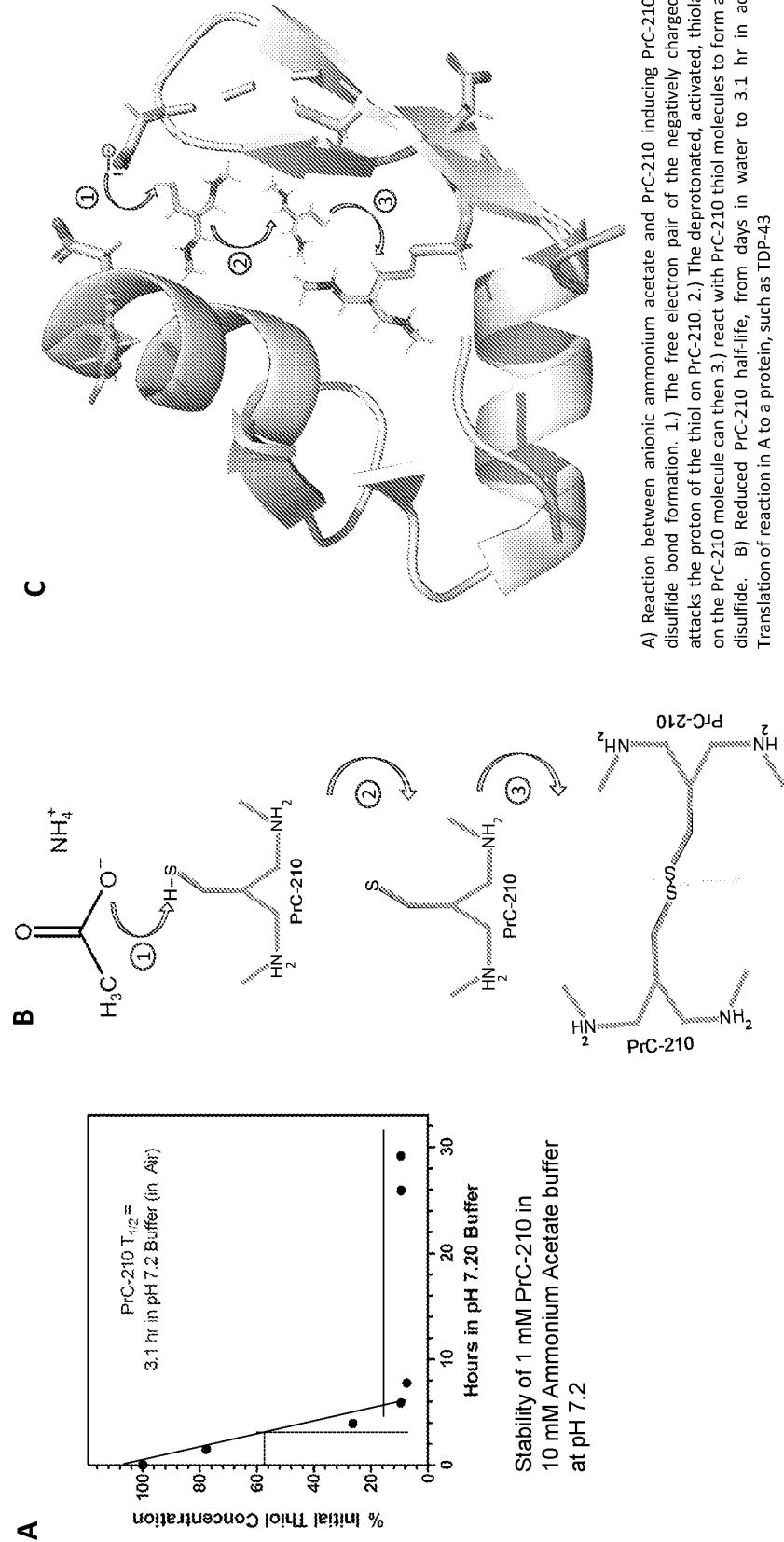


FIGURE 7: Percentage of [14C] PrC-210 recovered after a single i.v. administration in male rats

Collection Interval (Hours)	Percent of Radioactive Dose				
	Animal Number			Mean	SD
	B05285	B05286	B05287		
0-24	71.4	72.3	<u>Urine</u> 69.0	70.9	1.7
24-48	3.52	3.65	4.88	4.02	0.75
Subtotal	74.9	76.0	73.9	74.9	1.1
0-24	6.05	5.39	<u>Feces</u> 3.89	5.11	1.11
24-48	2.84	1.76	2.58	2.39	0.56
Subtotal	8.89	7.15	6.47	7.50	1.25
0-24	0.94	0.96	<u>Expired Air</u> 0.92	0.94	0.02
24-48	0.15	0.13	0.12	0.13	0.02
Subtotal	1.09	1.09	1.04	1.07	0.03

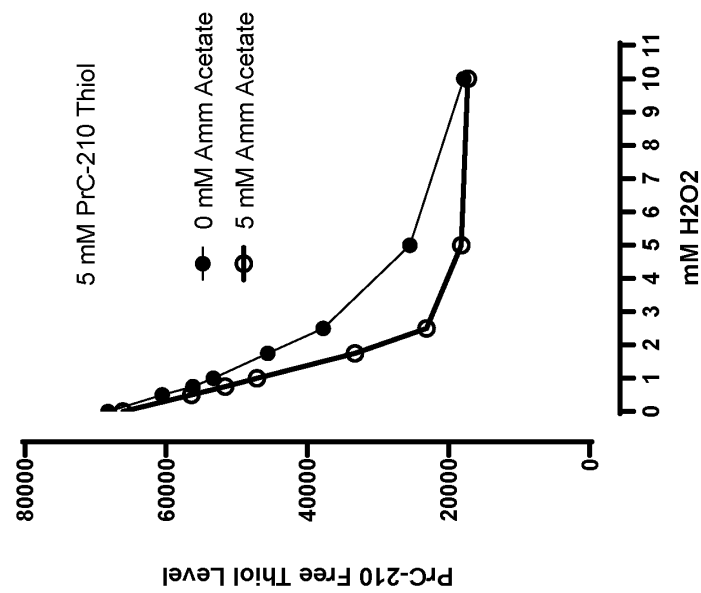


FIGURE 8

Figure 9: A) 8-oxo-dG, p-53 and Cytochrome C levels in mouse brain after irradiation with 8.68 Gy; Suppression by PrC-210
B) Suppression of Caspase 8 and Caspase 3/7 in mouse brain and plasma over 6 days

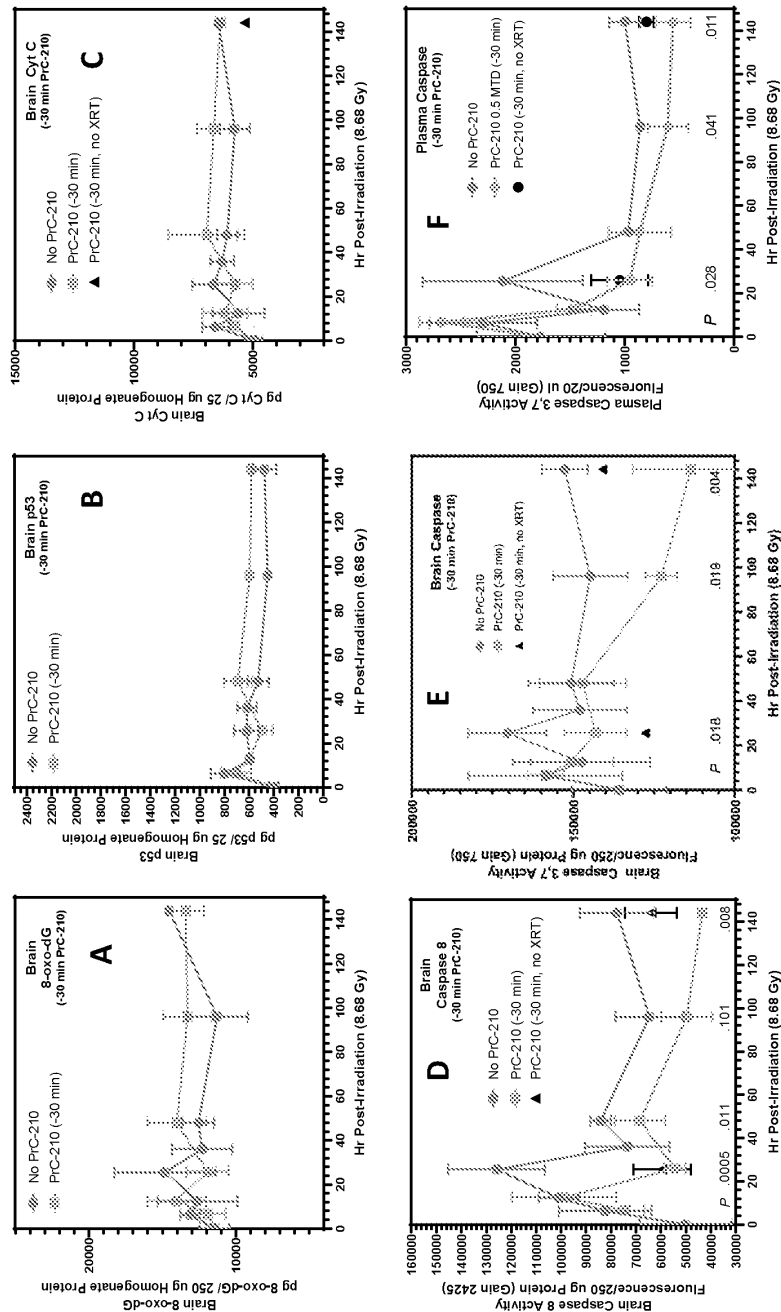


Figure 10: PrC-210 stops weight loss in SOD1^{G93A} mice

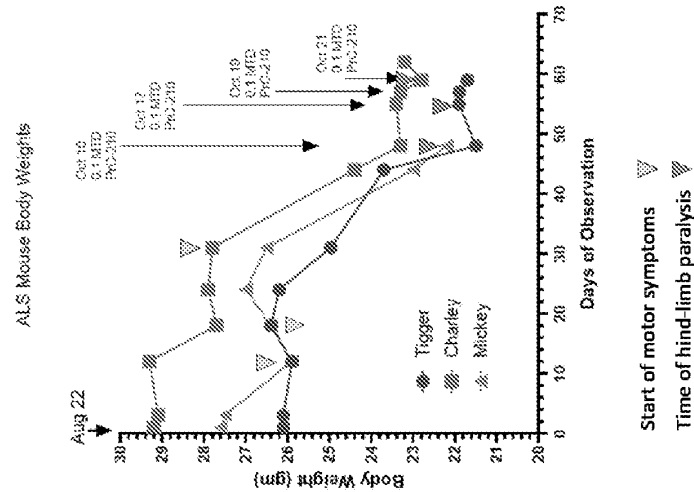


Figure 11: Cytochrome C levels in mouse heart after irradiation with 8.68 Gy; Suppression of Cytochrome C by PrC-210, but no effect on caspase 3/7 when given 24 hrs post-irradiation

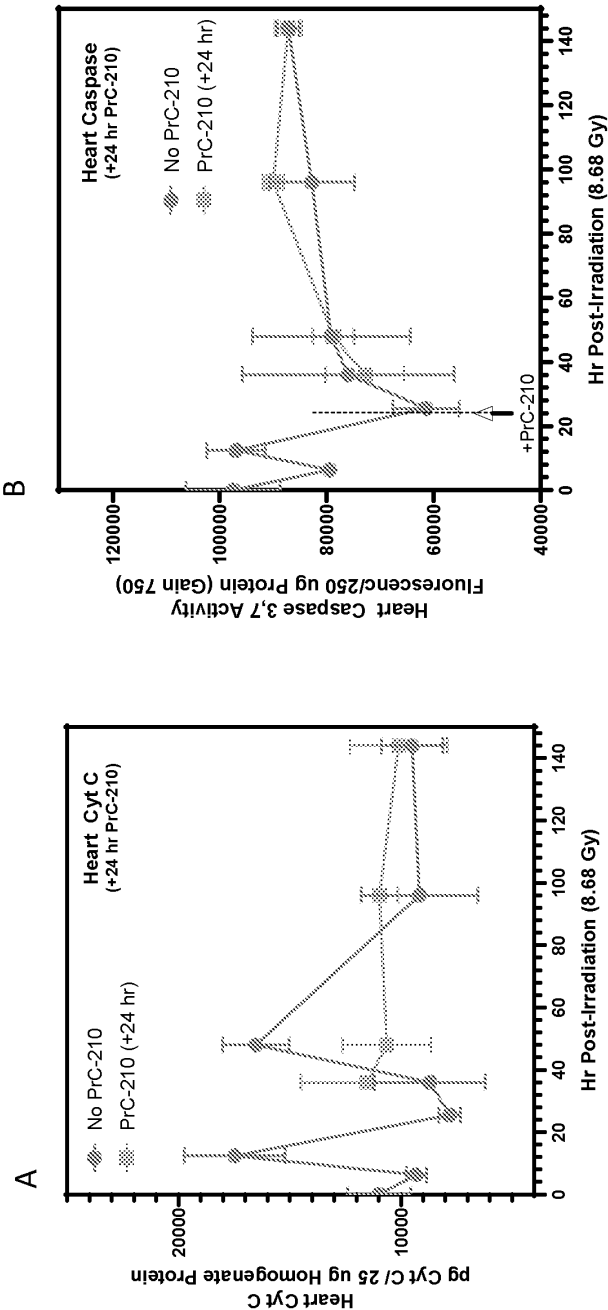
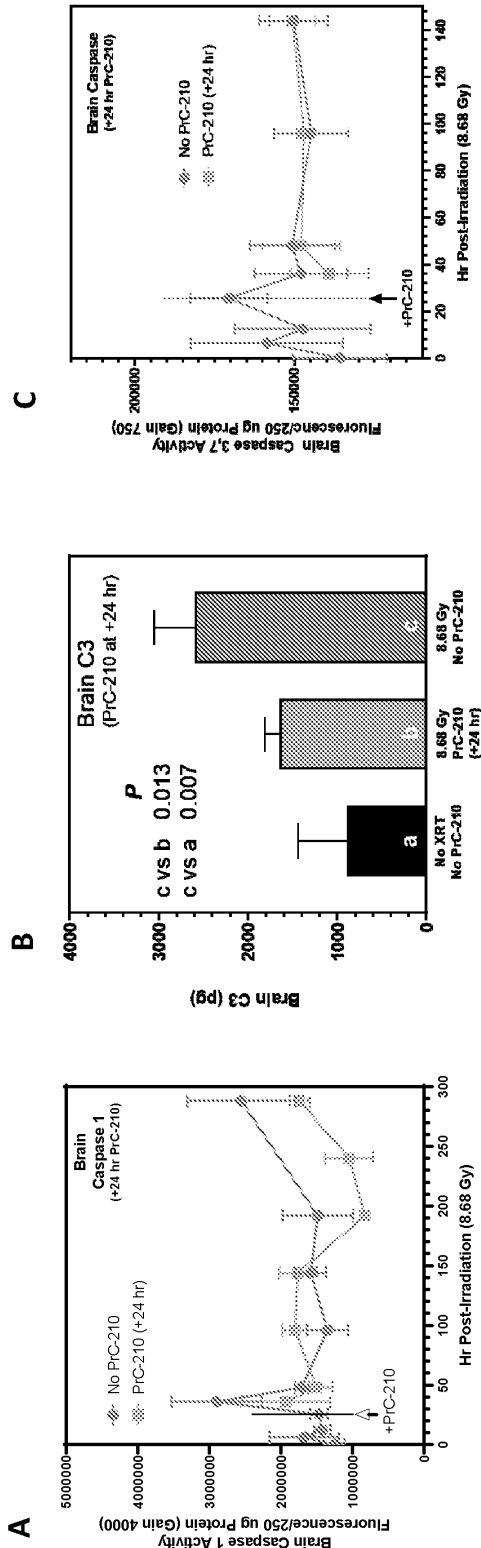


Figure 12: A & B) Inflammation marker C3 and Caspase 1 in mouse brain after irradiation with 8.68 Gy; Suppression of C3 and Caspase 1 8-10 days post-radiation
C) No effect of PrC-210 on apoptosis when given 24 hrs after radiation



C3 after 8 and 10 hrs post-radiation

Figure 13: Paralysis Score in in experimental autoimmune encephalomyelitis (EAE) model in C57 mice A) with PrC-210 twice weekly treatment started 24 hours before MOG peptide injection, and B) PrC-210 twice weekly treatment started after first paralysis symptoms.

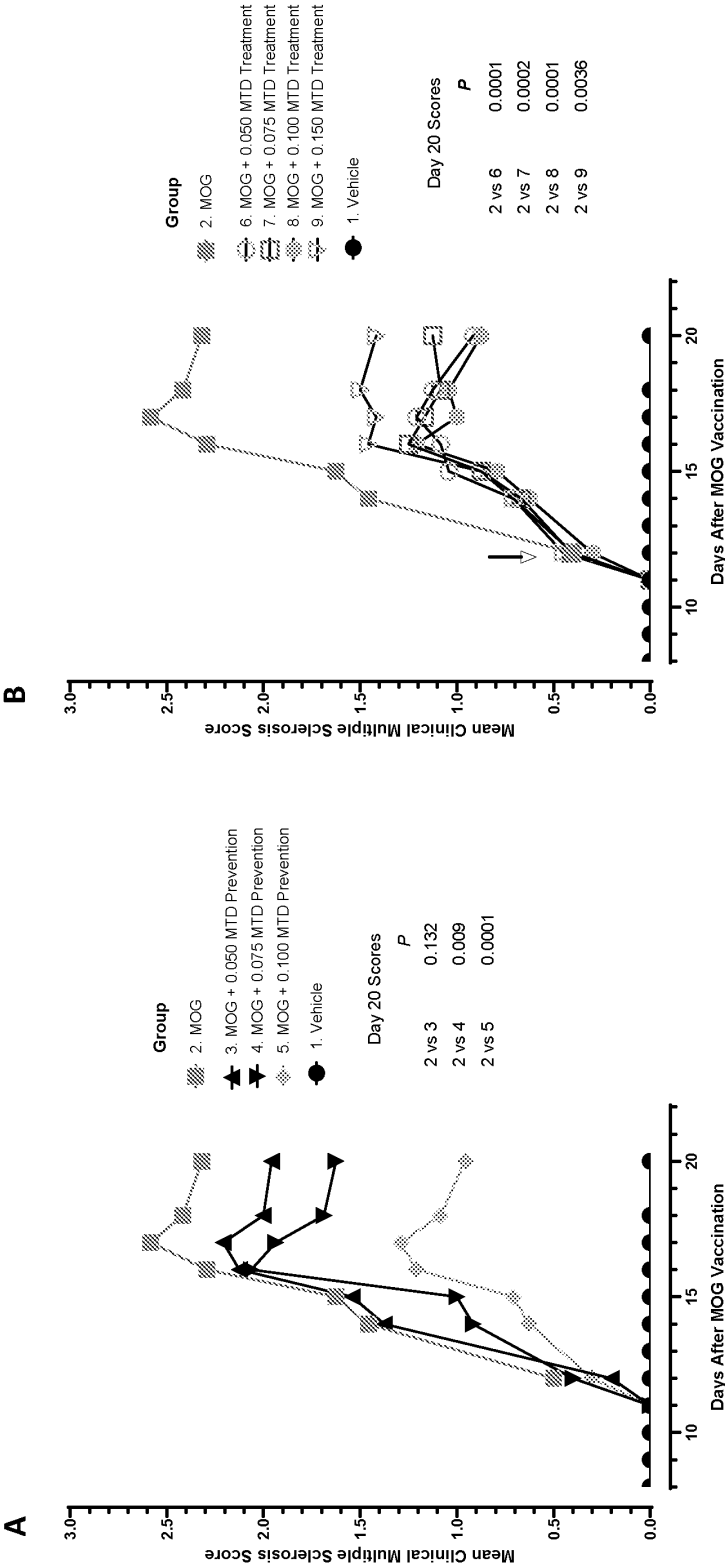


Figure 14: Paw Swelling Score in in experimental Rheumatoid Arthritis model in DBA/1J mice intraperitoneally and topically treated with prC-210

