Table 1. Longitudinal analysis of ^{19}F signal in CIA rats

Cohort	Day	Range (^{19}F x10^{19})			Average ± SD (^{19}F x10^{19})	*P* value*		
Vehicle	*15*	0.14	to	11.2	5.17 ± 4.55	$5.43x10^{-6}$		$1.93x10^{-6}$
	22	6.59	to	19.2	11.9 ± 4.71	$3.95x10^{-4}$		
	29	12.8	to	21.9	17.3 ± 3.82			
Prednisolone	*15*	0.17	to	12.1	4.57 ± 4.86	NS		NS
	22	0.70	to	13.1	4.85 ± 4.63	NS		
	29	0.91	to	13.8	5.92 ± 5.56			

*After testing for normal distribution, two-way ANOVA was used to compare statistical significance among groups ($P < 0.05$ considered significant). Tukey's two-tailed paired T-test was then used to compare the average signal between time points for each treatment group (critical *P* value < 0.0083). SD = standard deviation, NS = not significant .