Author title: Absence of P-glycoprotein Transport in the Pharmacokinetics and Toxicity of the Herbicide Paraquat

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Supplemental Table 1: Non-compartmental pharmacokinetic analysis of paraquat in FVB wild-type and *mdr1a*$^{(-/-)}$*/1b*$^{(-/-)}$ mice following a single paraquat oral dose

	FVB wild-type (n=34)	*mdr1a*$^{(-/-)}$*/1b*$^{(-/-)}$ (n=28)
	mean ± s.d.	mean ± s.d.
C_{max} (µg/L)	659 ± 552	485 ± 462
C_{max}_D (µg/L/µg)	0.49 ± 0.20	0.34 ± 0.20
t_{max} (hr)	1.8 ± 0.85	1.36 ± 0.50
$AUC_{0\text{-}8hr}$ (hr*µg/L)	2564 ± 2255	1584 ± 1505
$MRT_{0\text{-}8hr}$ (hr)	2.8 ± 0.6	2.9 ± 0.8
$t_{1/2}$ (hr)	3.3 ± 1.6	6.1 ± 4.7
CL/F (L/hr)	0.56 ± 0.20	0.9 ± 0.6
V/F (L)	2.5 ± 0.90	7.5 ± 8.1

C_{max}: maximum observed concentration; C_{max}_D: maximum observed concentration divided by dose; t_{max}: time of maximum observed concentration; $AUC_{0\text{-}8hr}$: area under the plasma concentration-time curve from the time of dosing to the last measurable concentration (0-8 hr); $MRT_{0\text{-}8hr}$: mean residence time from the time of dosing to the time of the last measurable concentration (0-8 hr); $t_{1/2}$: elimination half-life; CL/F: apparent oral clearance; V: apparent volume of distribution