

## CORRECTION TO “CYTOCHROME P450 EXPRESSION AND REGULATION IN CYP3A4/CYP2D6 DOUBLE TRANSGENIC HUMANIZED MICE”

In the above article [Felmlee MA, Lon HK, Gonzalez FJ, and Yu A-M (2008) *Drug Metab Dispos* 36:435–441], in Table 1, the  $K_m$  and  $V_{max}$  values listed under MEM Formation in female mouse liver microsomes are incorrect. The correct values are now shown in the table below.

TABLE 1

*Apparent enzyme kinetic parameters of dextromethorphan metabolism in pooled hepatic microsomes from wild-type and Tg-CYP2D6/CYP3A4 mice aged 3, 5, and 8 weeks (N = 4 in each group)*

Values are mean  $\pm$  S.E.M. from triplicate experiments. Incubations were performed in 100 mM phosphate buffer, pH 7.4, at 37°C for 5 min. Dextromethorphan concentrations ranged from 0 to 2000  $\mu$ M. The rates of DXO and MEM formation were measured by HPLC with fluorescence detection. Michaelis-Menten parameters,  $K_m$  and  $V_{max}$ , were estimated by nonlinear regression.

Mouse Liver Microsomes			DXO Formation			MEM Formation		
			$K_m$	$V_{max}$	$CL_{int} (V_{max}/K_m)$	$K_m$	$V_{max}$	$CL_{int} (V_{max}/K_m)$
			$\mu$ M	nmol/min/mg protein	$\mu$ l/min/mg protein	$\mu$ M	nmol/min/mg protein	$\mu$ l/min/mg protein
Male	3 weeks	Wild-type	3.80 $\pm$ 0.48	1.19 $\pm$ 0.03	313	237 $\pm$ 21	2.92 $\pm$ 0.12	12.3
		Transgenic	3.60 $\pm$ 0.34	3.51 $\pm$ 0.06	975	523 $\pm$ 38	3.85 $\pm$ 0.11	7.36
	5 weeks	Wild-type	3.50 $\pm$ 0.46	1.82 $\pm$ 0.04	520	503 $\pm$ 34	7.68 $\pm$ 0.21	15.3
		Transgenic	3.20 $\pm$ 0.37	3.54 $\pm$ 0.08	1110	534 $\pm$ 41	7.06 $\pm$ 0.21	13.2
	8 weeks	Wild-type	5.10 $\pm$ 0.72	1.17 $\pm$ 0.03	229	412 $\pm$ 52	2.79 $\pm$ 0.16	6.79
		Transgenic	3.10 $\pm$ 0.23	2.73 $\pm$ 0.03	880	374 $\pm$ 36	4.23 $\pm$ 0.15	11.3
Female	3 weeks	Wild-type	4.40 $\pm$ 0.75	1.35 $\pm$ 0.04	307	552 $\pm$ 73	4.83 $\pm$ 0.25	8.75
		Transgenic	2.50 $\pm$ 0.27	2.73 $\pm$ 0.05	1090	655 $\pm$ 52	3.57 $\pm$ 0.11	5.45
	5 weeks	Wild-type	3.70 $\pm$ 0.47	2.33 $\pm$ 0.05	630	433 $\pm$ 46	7.40 $\pm$ 0.28	17.1
		Transgenic	3.20 $\pm$ 0.43	4.71 $\pm$ 0.13	1470	500 $\pm$ 54	9.31 $\pm$ 0.38	18.6
	8 weeks	Wild-type	4.30 $\pm$ 0.46	1.79 $\pm$ 0.03	416	354 $\pm$ 24	4.54 $\pm$ 0.13	12.8
		Transgenic	3.00 $\pm$ 0.21	2.79 $\pm$ 0.03	930	412 $\pm$ 26	4.25 $\pm$ 0.12	10.3

The online version has been corrected in departure from the print version.

The authors regret this error and apologize for any inconvenience or confusion it may have caused.