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Quantitating Population Toxicokinetic Variability Utilizing Recombinant Enzyme-Specific Clearance Rates

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omol p450 or mg protein)			
	CYP3a4	UGT1a1	UGT1a4
Э	NT	0	0
	NT	0	0
24	NT	104; 117	0
4	NT	59.3; 42.7*	0; 8.20*

• Data generation is currently underway for 12 chemicals; with

- Incorporate experimental data into IVIVE approach to predict internal Css and quantitate differences across
- More closely define variability ranges within first 6
- Seek out trends and metabolic profiles that may yield

- R. (2002). Evaluation of Child/Adult Pharmacokinetic Differences from a Database Derived from the Therapeutic Drug Literature. Toxicol. Sci. 66: 185-200.

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