

SUPPLEMENTAL FIGURES

Evaluation of Normothermic Machine Perfusion of Porcine Livers as a Novel Preclinical Model to Predict Biliary Clearance and Transporter-mediated Drug-Drug Interactions using Statins

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Drug Metabolism and disposition

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Table S5 Absolute expression (fmol/mg tissue) of various uptake and efflux transporter proteins within the plasma membrane of porcine livers (n=5) compared to the protein expression in human liver (n=15). Values are mean \pm SD

	Porcine livers (n=5)	Human livers (n=15)
BCRP	0.66 \pm 0.20	0.60 \pm 0.52
BSEP	5.15 \pm 1.77	2.62 \pm 0.82
GLUT-1	0.20 \pm 0.08	0.27 \pm 0.06
MCT1	0.27 \pm 0.09	0.19 \pm 0.05
MDR1	1.90 \pm 0.76	1.50 \pm 0.71
MRP1	0.30 \pm 0.23	0.21 \pm 0.09
MRP2	2.31 \pm 0.99	1.50 \pm 0.68
MRP3	1.71 \pm 0.48	0.98 \pm 0.39
NTCP	5.62 \pm 1.82	3.30 \pm 0.86
OATP1B1		1.97 \pm 1.01
OATP1B4	5.76 \pm 1.79	
OATP1B3		0.86 \pm 0.58
OATP2B1	5.37 \pm 2.68	2.06 \pm 0.71
OCT1	5.53 \pm 2.09	9.68 \pm 3.16