

Supplemental Files

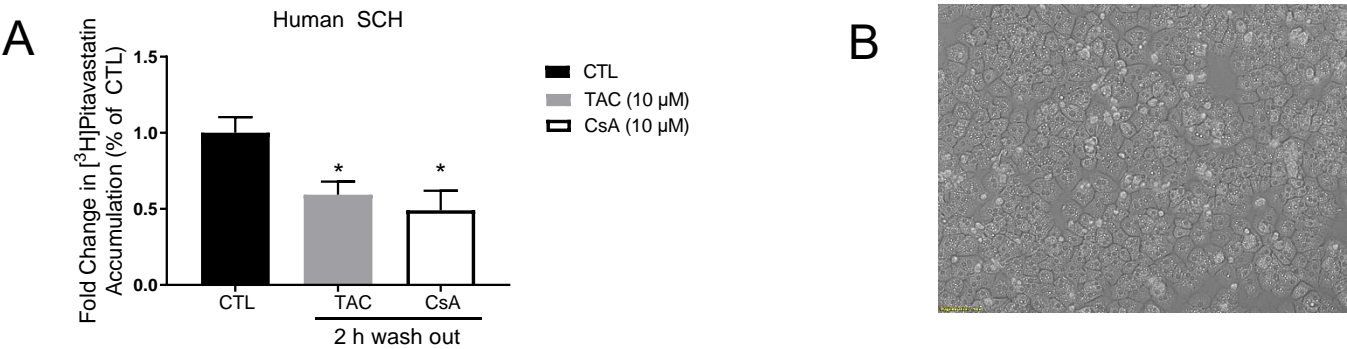
Assessing Trans-Inhibition of OATP1B1 and OATP1B3 by Calcineurin and/or PPIase Inhibitors and Global Identification of OATP1B1/3-Associated Proteins

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Table S1. Demographics of human hepatocytes donors

Donors	Age (years)	Gender	Race	BMI	Smoking	Alcohol use
HUM181621	23	F	Caucasian	31.3	No	once per year

F, female; M, male; BMI, body mass index



**Figure S1** Long-lasting pitavastatin uptake in human SCH following tacrolimus and CsA treatment. Human SCH were pretreated with CsA or tacrolimus (each 10 μM for 1 h). After washing, cells were cultured in inhibitor-free culture medium, [<sup>3</sup>H]-pitavastatin accumulation (1 μM, 30 sec) was determined at 3 h after wash out phase in the drug-free medium. Data represent mean ± SD in triplicate. \* p<0.05 by one way ANOVA vs. CTL. (B) Representative light images of human SCH on the day of experiment (10X).

**Table S2. Calcineurin- and mTOR-relevant proteins associated with OATP1B1 and OATP1B3.**

<b>Identified Proteins</b>	<b>Accession Number</b>	<b>Alternative Name</b>	<b>OATP 1B1</b>	<b>OATP 1B3</b>
<b>Calcineurin substrates</b>				
Cell division cycle protein 20 homolog	CDC20_HUMAN	CDC20	+	+
Caveolin-1	CAV1_HUMAN	CAV1	++	++
<b>mTOR-relevant proteins</b>				
Receptor of activated protein C kinase 1	RACK1_HUMAN	RACK1	++	++
Regulatory-associated protein of mTOR	RPTOR_HUMAN	RPTOR	++	-
TELO2-interacting protein 1	TTI1_HUMAN	TTI1	++	+
Ragulator complex protein LAMTOR1	LTOR1_HUMAN	LAMTOR1	++	++

"-": total spectrum count of 0; "+": total spectrum count (0-3); "++": total spectrum count  $\geq 3$   
Total spectrum counts are 0 in Mock for all entries in Table S1.