

## Supplemental Files

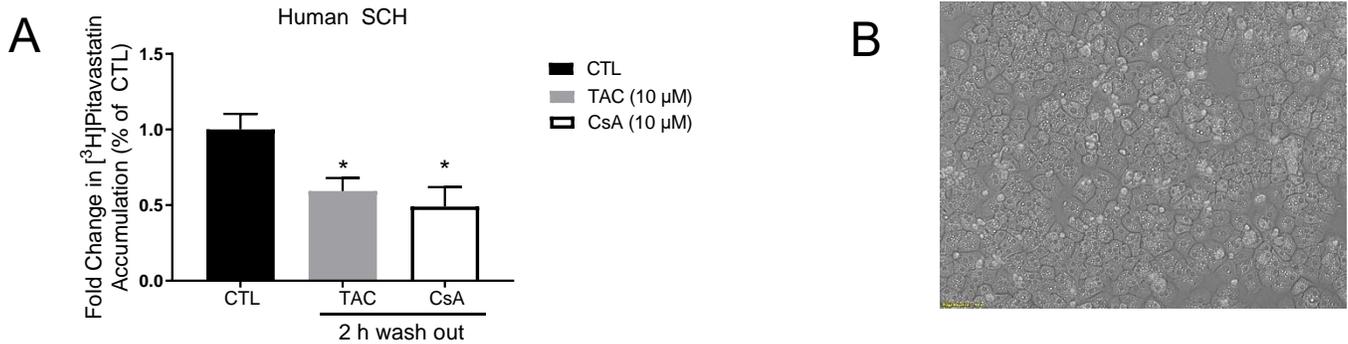
### Assessing Trans-Inhibition of OATP1B1 and OATP1B3 by Calcineurin and/or PPIase Inhibitors and Global Identification of OATP1B1/3-Associated Proteins

John T. Powell, Ruhul Kayesh, Alexandra Ballesteros-Perez, Khondoker Alam, Pascaline Niyonshuti, Erik J. Soderblom, Kai Ding, Chao Xu, Wei Yue

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  $\mu$ M for 1 h). After washing, cells were cultured in inhibitor-free culture medium, [ $^3$ H]-pitavastatin accumulation (1  $\mu$ M, 30 sec) was determined at 3 h after wash out phase in the drug-free medium. Data represent mean  $\pm$  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.