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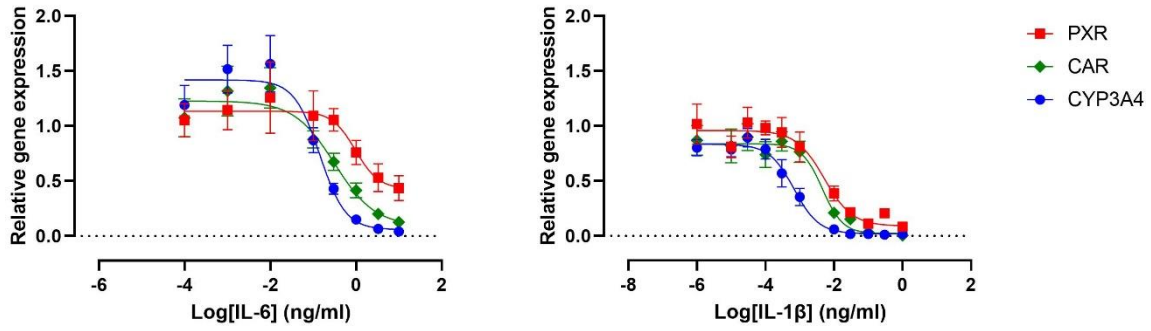
Supplemental Data

Drug Metabolism and Disposition

CYP and non-CYP drug metabolizing enzyme families exhibit differential sensitivities towards pro-inflammatory cytokine modulation

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Supplemental Fig. 3. Cytokine concentration-response curves for regulation of PXR and CAR as compared to CYP3A4. Cells were treated with concentrations of 0.0001 ng/ml to 10 ng/ml (IL-6) or 0.001 pg/ml to 1 ng/ml (IL-1 β) for 24 hours to analyze gene expression alterations via RT-qPCR. mRNA data is expressed as fold change of levels found in untreated control cells, arbitrary set to 1.0. Each data point presents the average + SEM of at least 4 independent experiments. Data were fit with a non-linear regression model.