Supplementary Fig. S2. Phenotypic characterization of hepatotoxicity by quantitation of the average and total stained cell areas, nuclear shape, and intensity. **(A)** Examples presented show impact of different compounds on total positive cell area and/or average positive cell area. Numeric data of cell area is shown for representative compounds. Images of iCell hepatocytes treated with 100 μM of indicated compounds for 72 h, then stained with Calcein AM, Hoechst. Images taken using 10× objective and cell areas stained positive for Calcein AM analyzed by MultiWavelength Cell Scoring module. **(B)** Examples of images presented showing impact of 100 μM of indicated compounds on nuclear area and average intensity. Images were acquired with 10× objective and analyzed by count of nuclei or customized algorithms. Numeric results are presented as a bar graph.