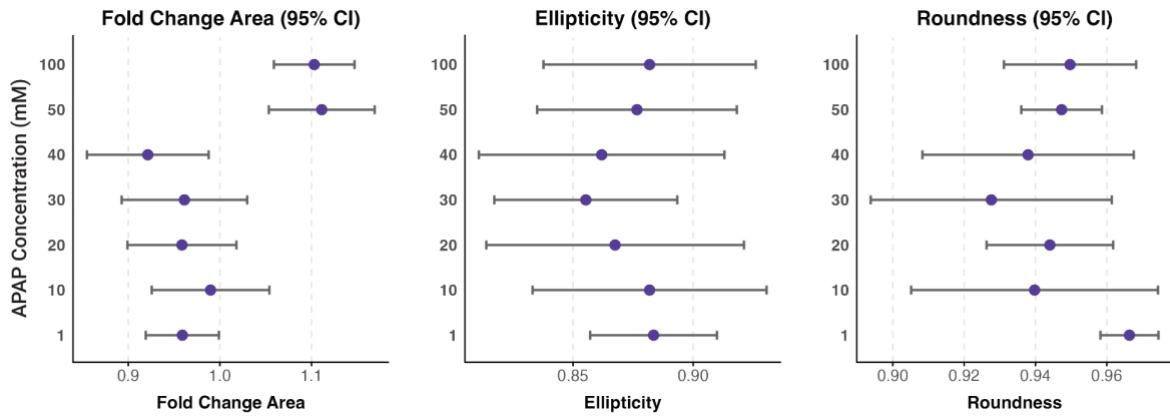


Supplementary Figure 1: Representative photographs of the MO:BOT without integrated modules (top) and with modules install (bottom).



Supplementary Figure 2: Fold change area (left), ellipticity (centre), and roundness (right) of liver spheroids following exposure to acetaminophen (APAP) at indicated concentrations. Points represent means; error bars indicate 95% confidence intervals. Only fold change area at APAP concentrations of 100 and 50 mM show a meaningful difference relative to concentrations of 1 – 40 mM.