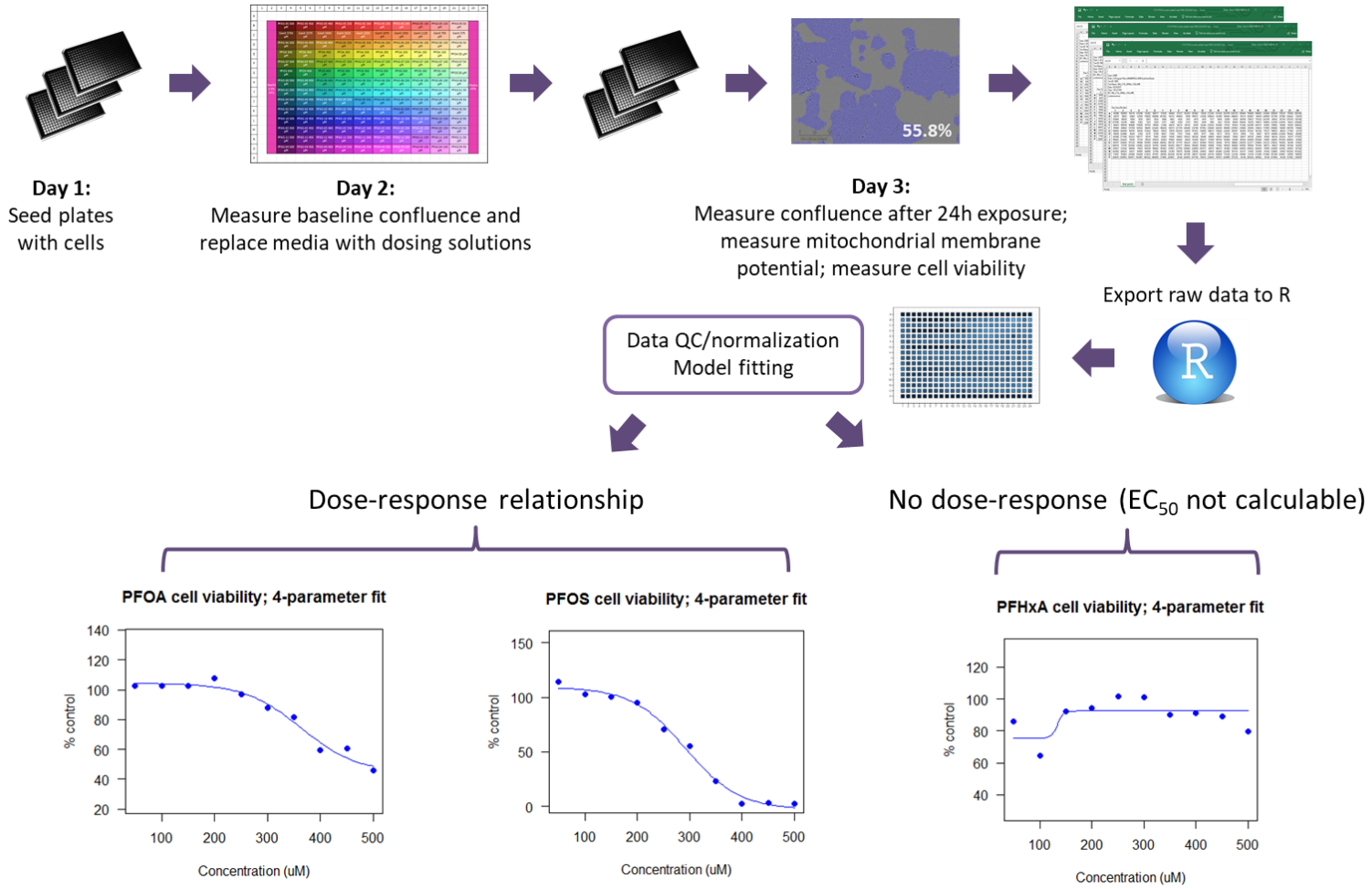

Supplementary Figure 1. Experimental workflow to conduct efficient high-throughput toxicity screening of PFAS using JEG-3 cells. JEG-3 cells were seeded in 384 well plates and exposed to test chemicals using a liquid handling device. Test chemicals were randomized and experimenters were blinded to their identity during the exposure period. Cell growth was monitored over the 24-hour exposure period using a live cell imager. Mitochondrial membrane potential and cell viability assays were multiplexed and read by fluorescence and luminescence intensities, respectively. Raw data were imported into R and processed using a custom script. Four parameter dose-response curves were fit to the data and model estimates were extracted.