

Figure 1

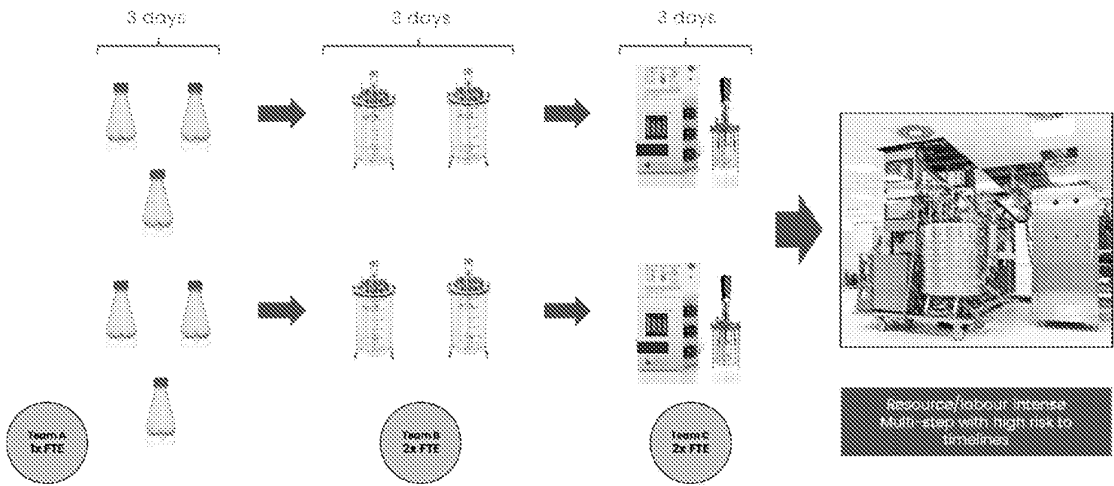
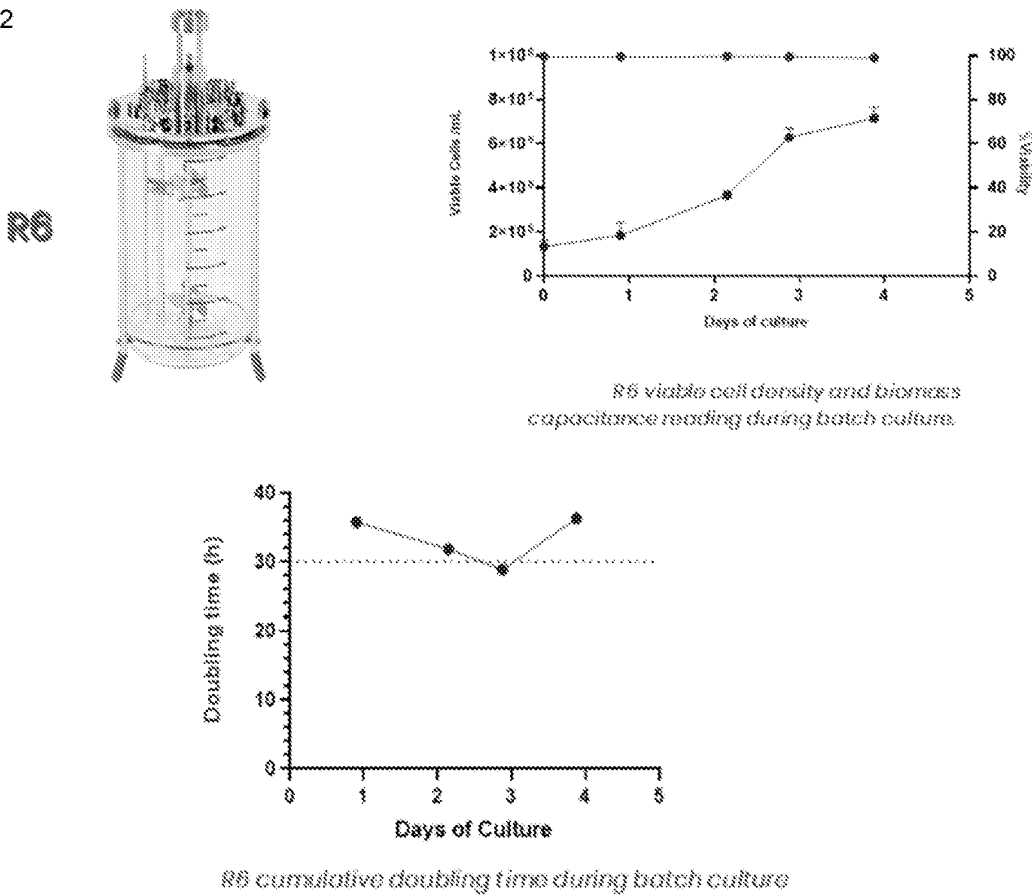
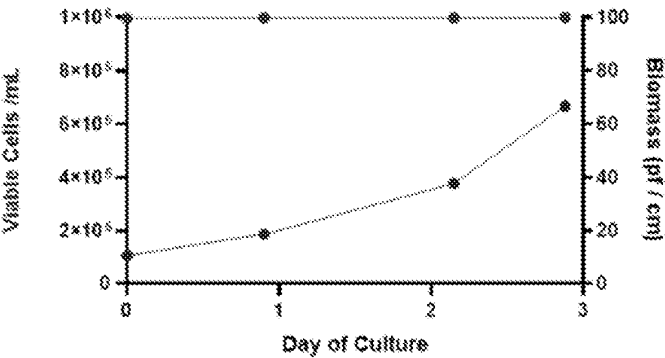
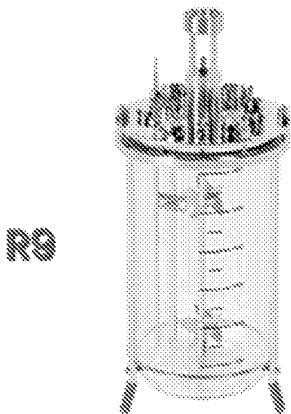
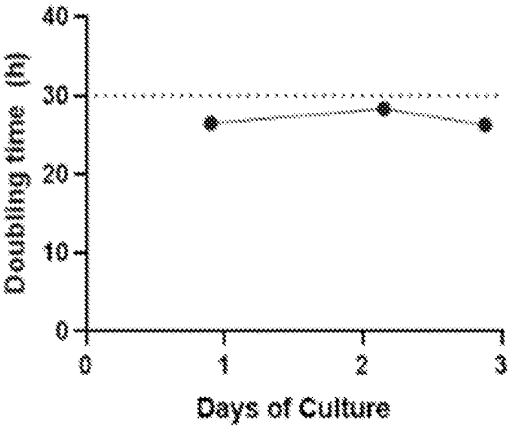


Figure 2





R9 viable cell density and biomass capacitance reading during batch culture.



R9 cumulative doubling time during batch culture

Figure 3

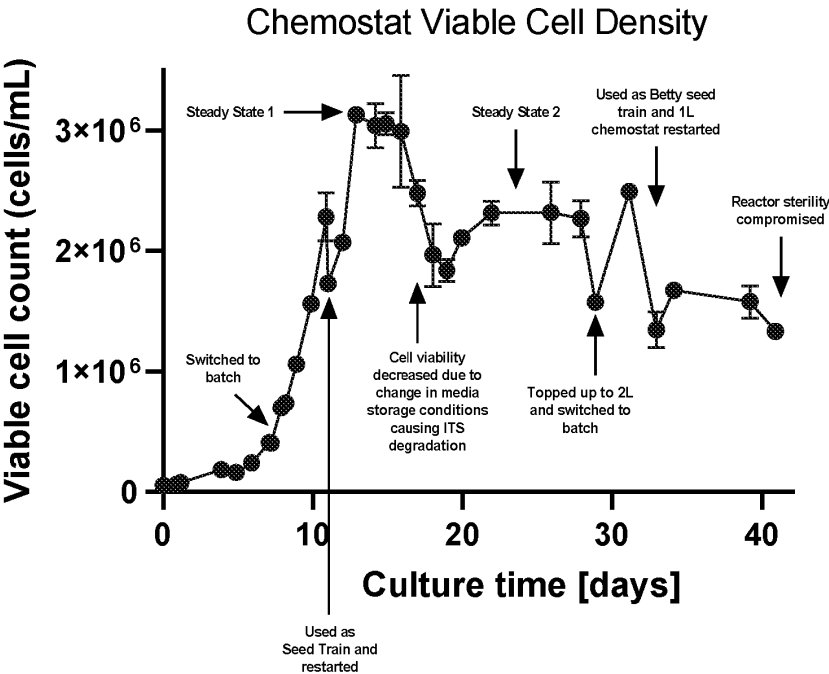


Figure 4

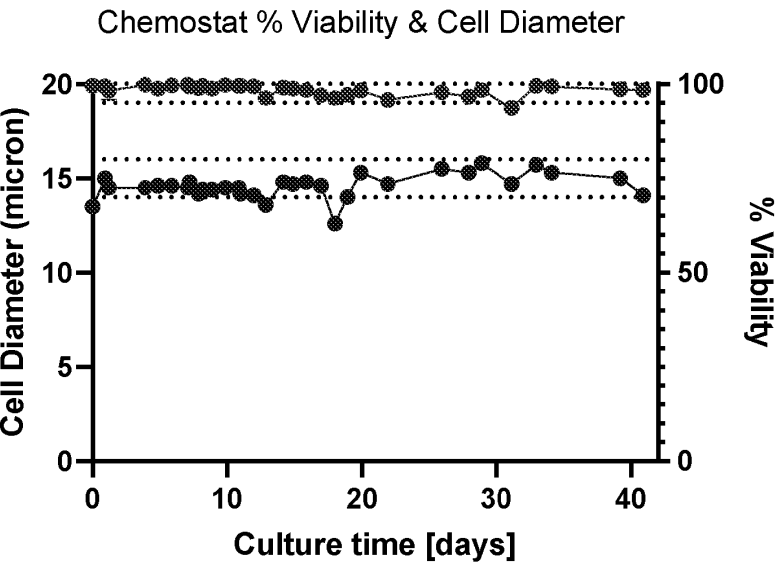


Figure 5

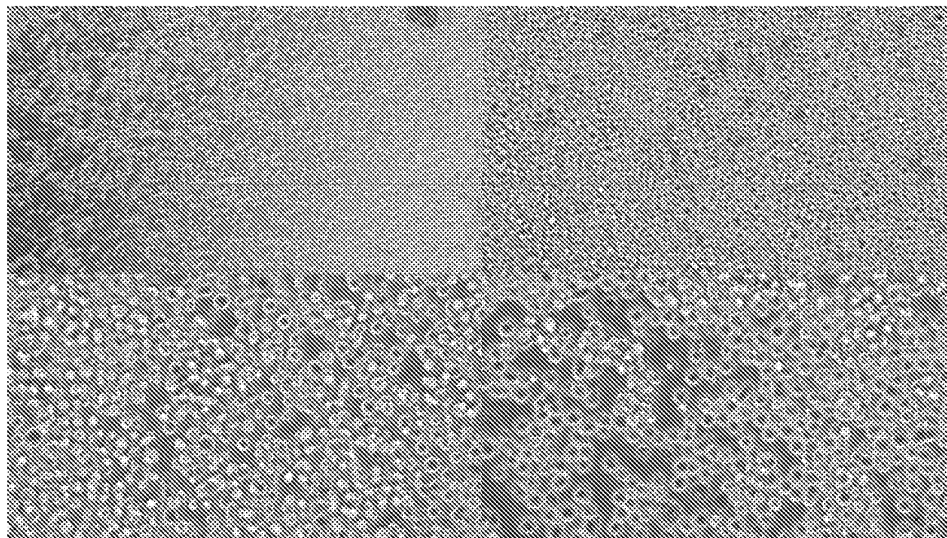


Figure 6

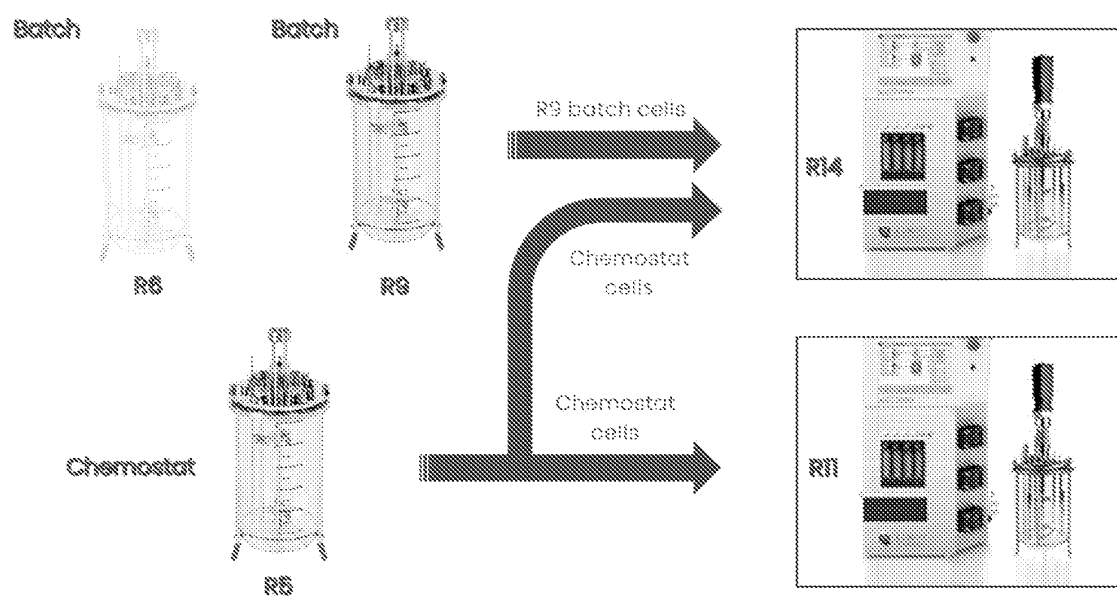


Figure 7

RI4 – 20L batch

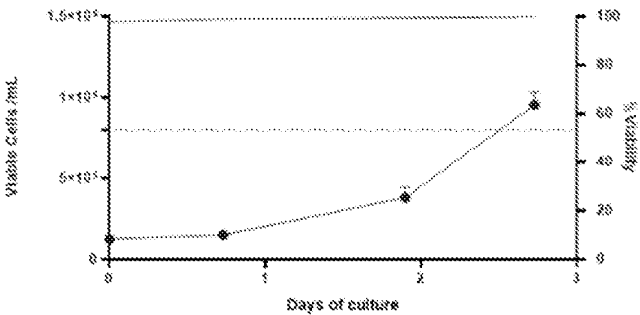
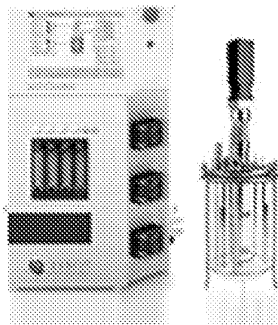


Figure: RI4 viable cell density and biomass capacitance reading during batch culture.

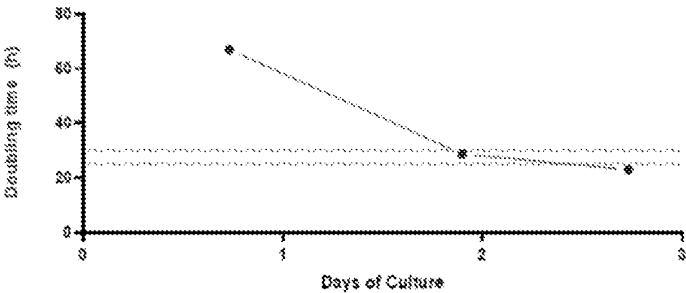


Figure: RI4 cumulative doubling time during batch culture

R11 – 20L batch

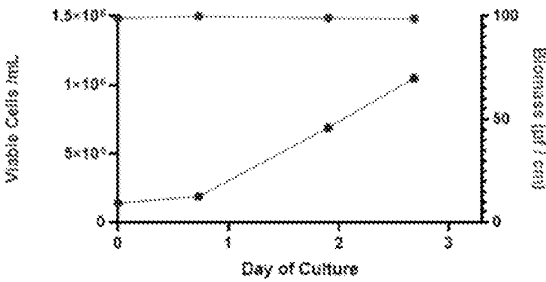
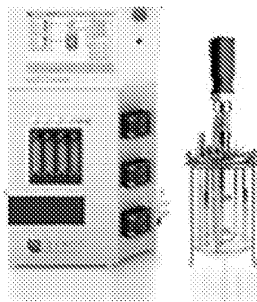


Figure: R11 viable cell density and biomass capacitance reading during batch culture.

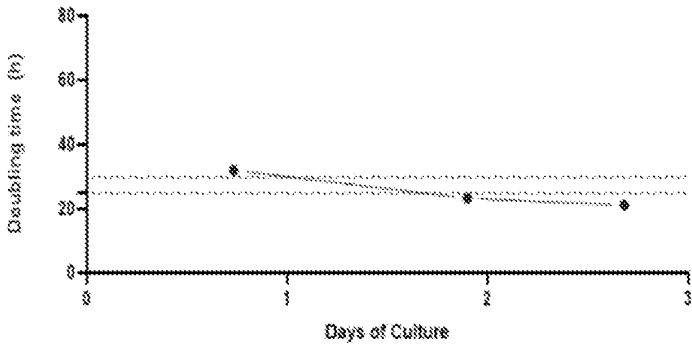


Figure: R11 cumulative doubling time during batch culture

Figure 8

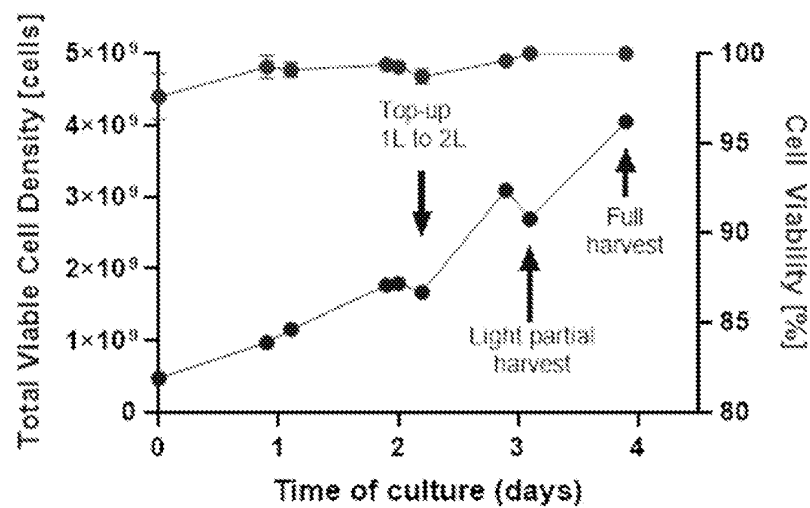


Figure 9

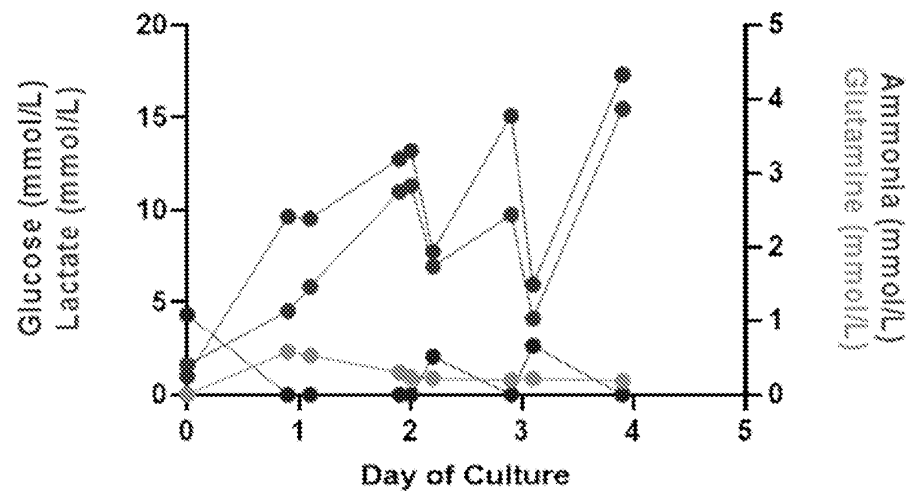


Figure 10

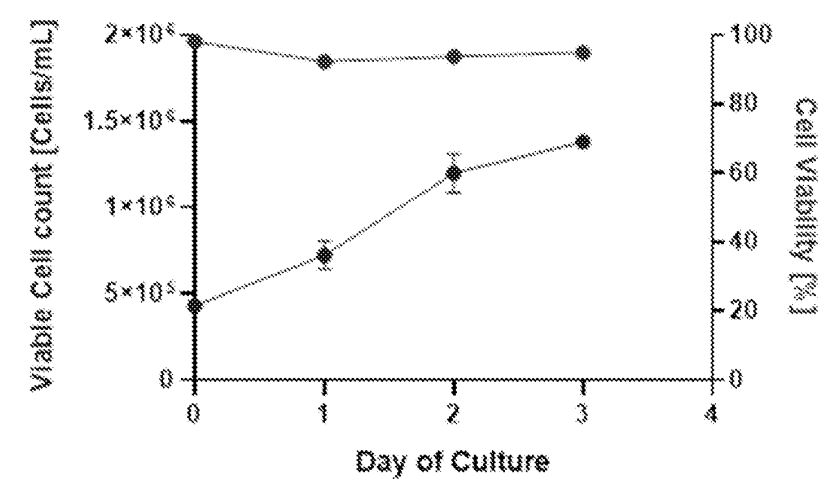


Figure 11

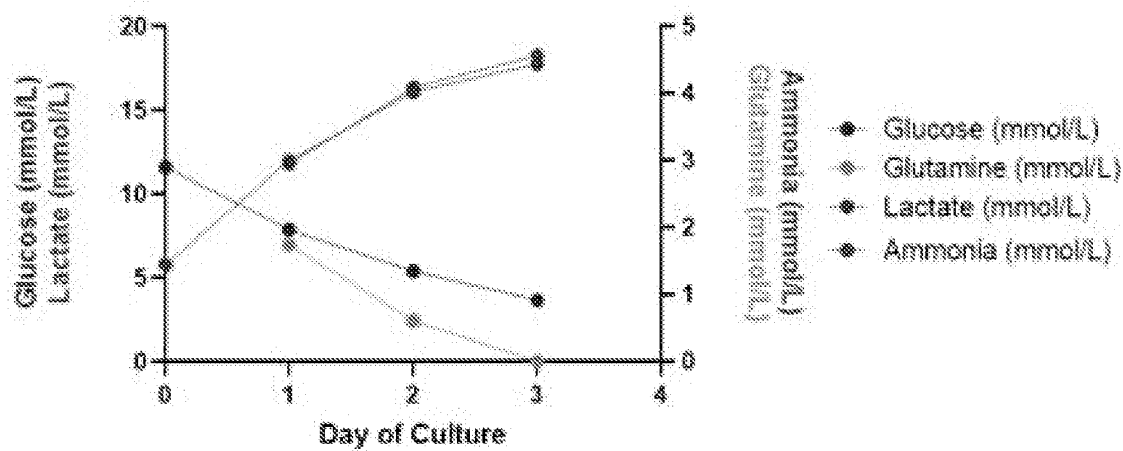


Figure 12

