

Fig. 1

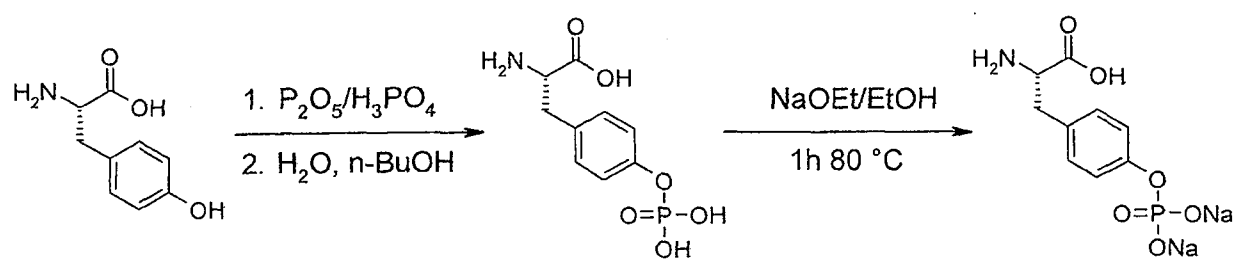


Fig. 2

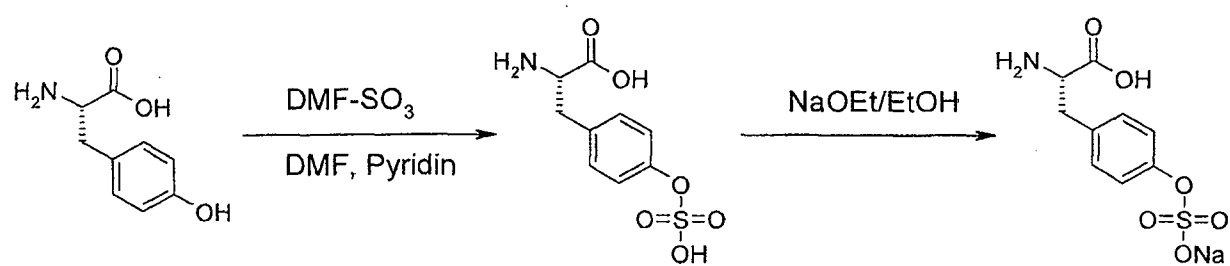


Fig. 3

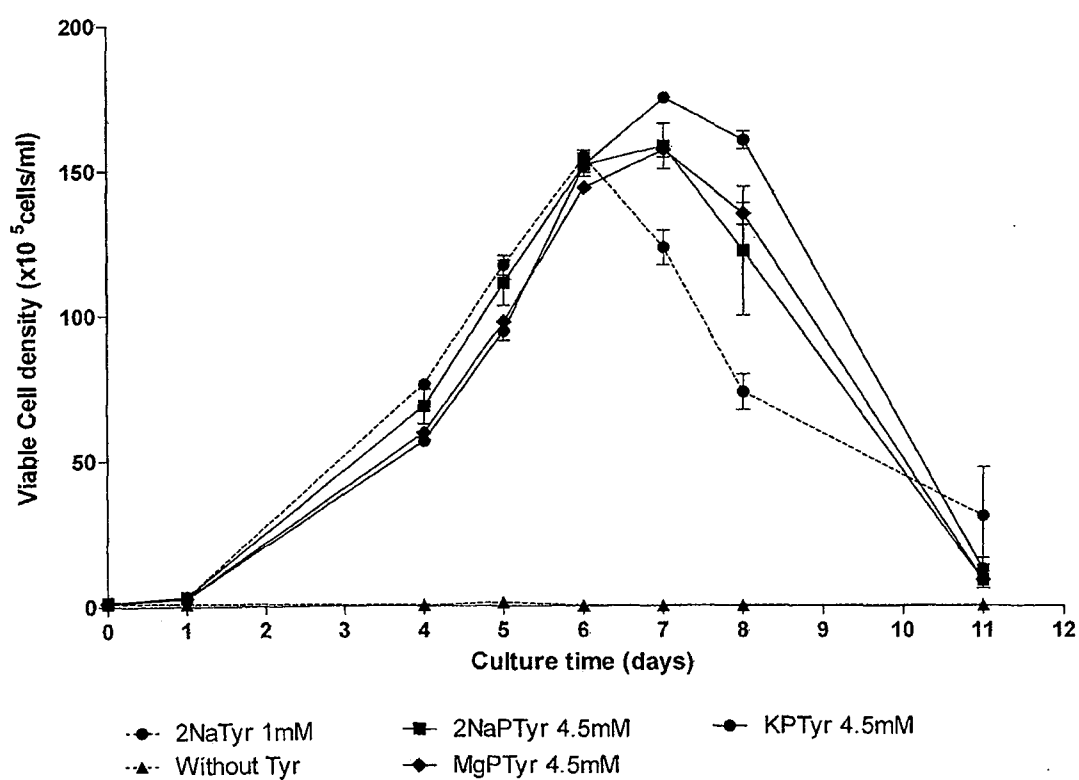


Fig. 4

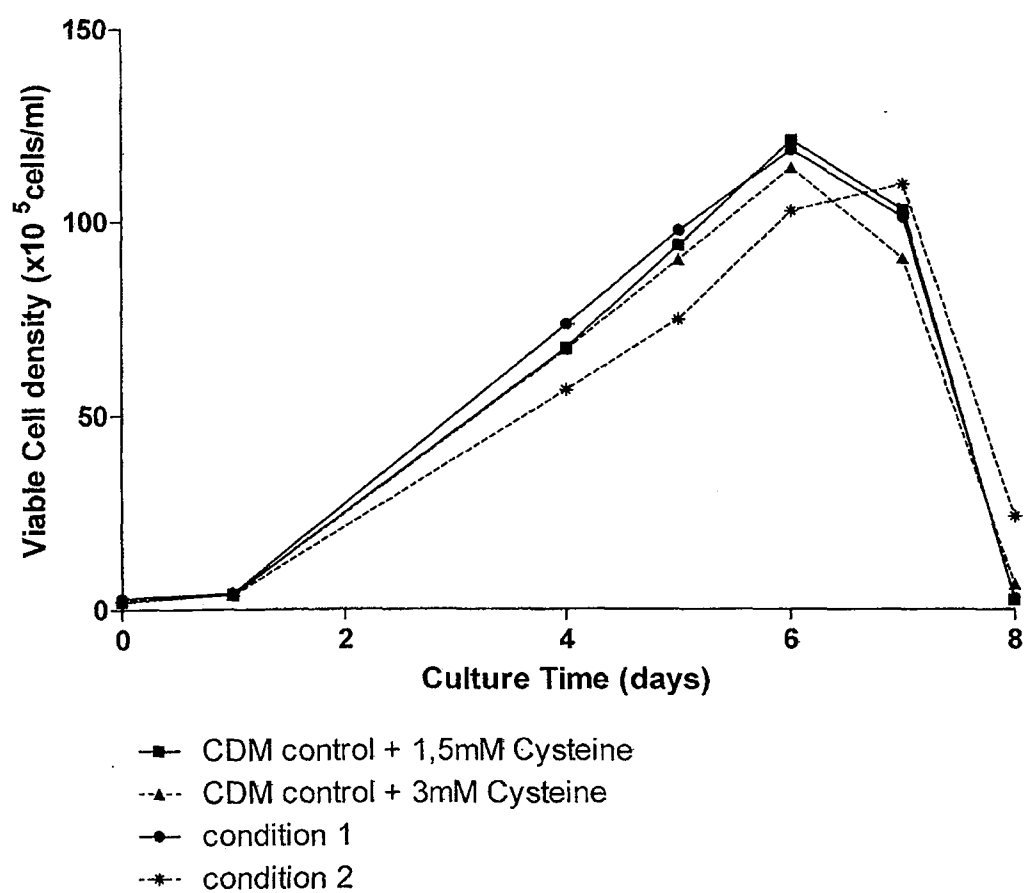


Fig. 5

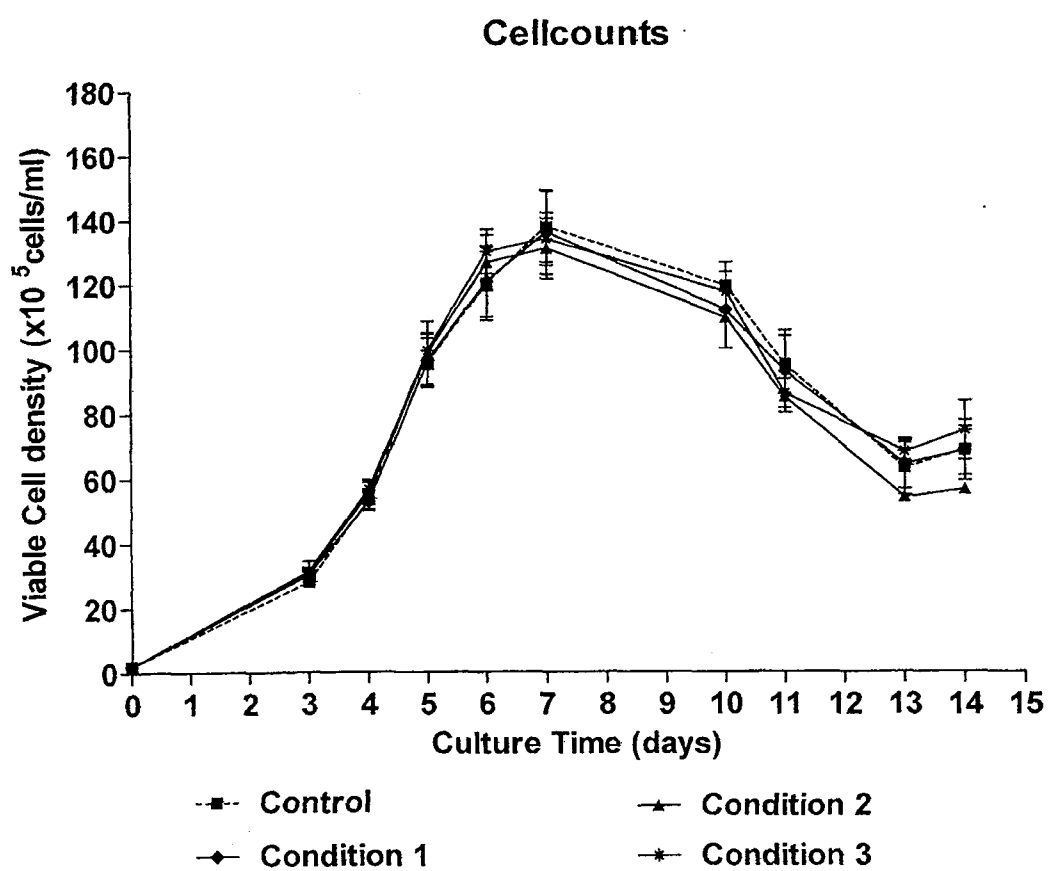


Fig. 6

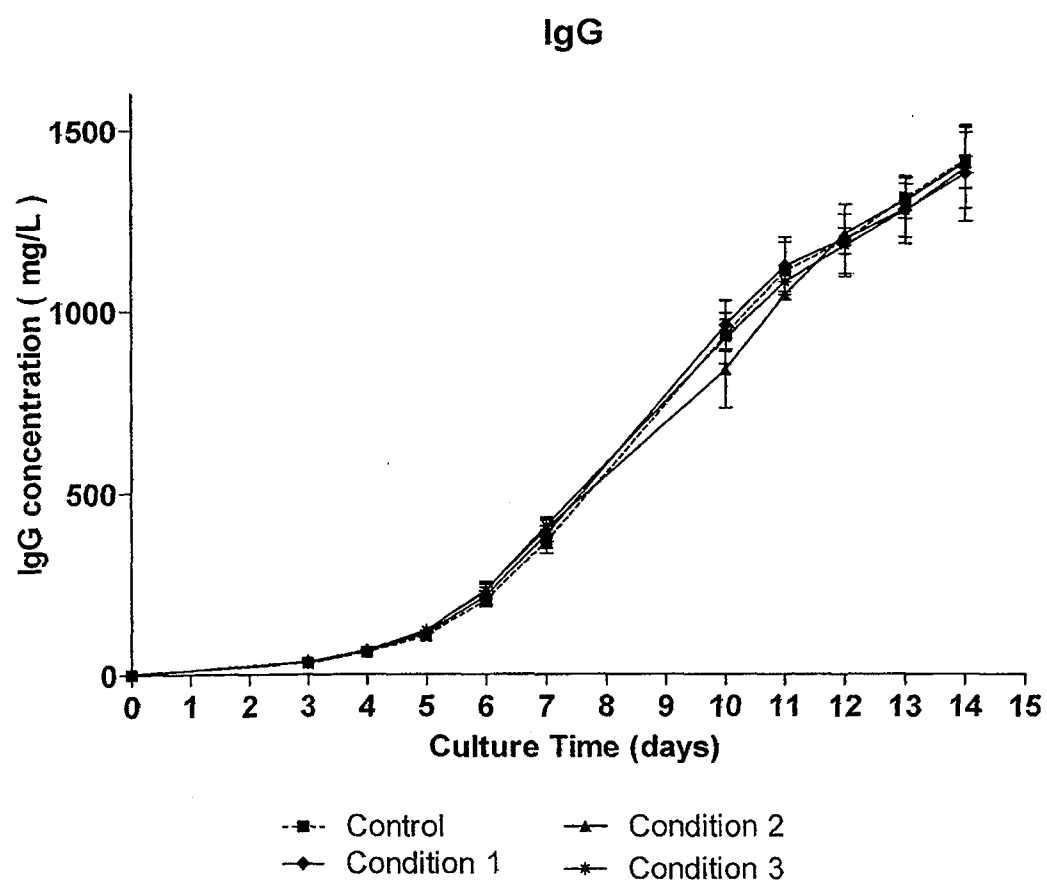
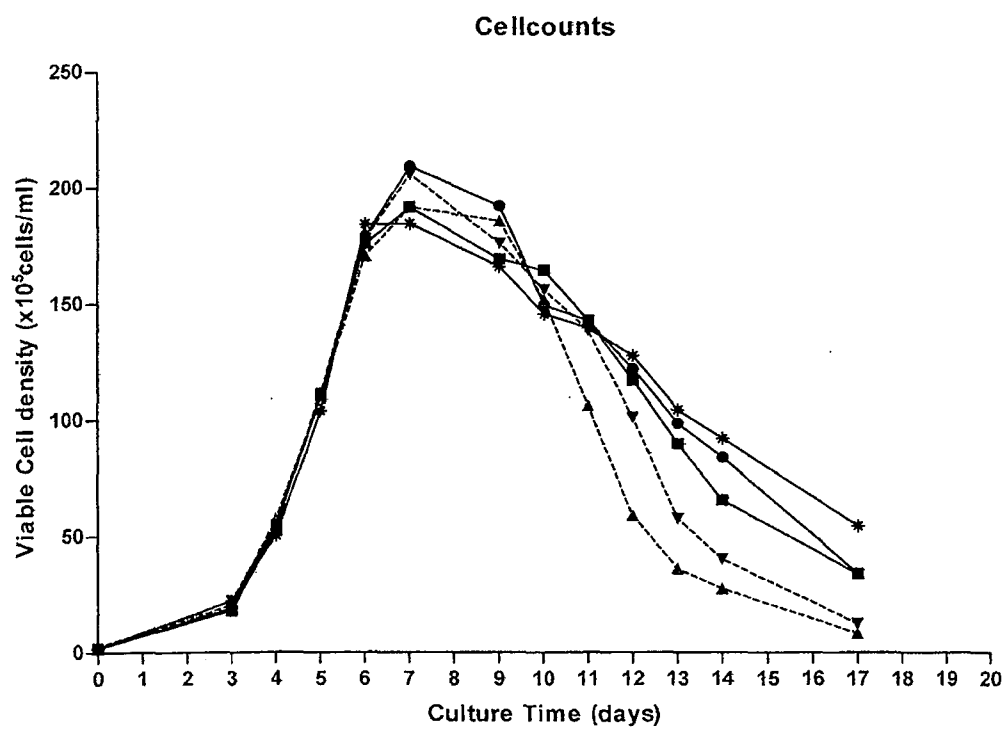


Fig. 7

--▲-- Bioreactor 1 control

--▼-- Bioreactor 2 control

—●— Bioreactor 3 - Single feed strategy

—■— Bioreactor 4 - Single feed strategy

—*— Bioreactor 5 - Single feed strategy

Fig. 8