



Supplemental Figure 6

### **Figure S6 Stability of hiHeps in the bioreactor**

**A**, hiHeps attached efficiently to the polycarbonate plate of the bioreactor after seeding. Cell numbers were measured before and after cell adhesion. **B**, Aspartate aminotransferase (AST) leakage was determined after hiHeps were cultured on the polycarbonate plate for 24 hours. **C**, hiHeps remained proper expression and location of ASGPR1, a marker for mature hepatocytes, after attached to the polycarbonate plate. **D-E**, hiHep cells maintained hepatic gene expression (**D**), albumin secretion (**E**) after attached to the polycarbonate plate. **F-H**, Bioreactor medium was collected from hiHep-BAL after treating ALF miniature pigs. hiHeps were tolerant to bioreactor medium after culture for 24 hours. hiHeps maintained cell viability (**F**), epithelial morphology (**G**) and hepatic gene expression (**H**) in the bioreactor medium.