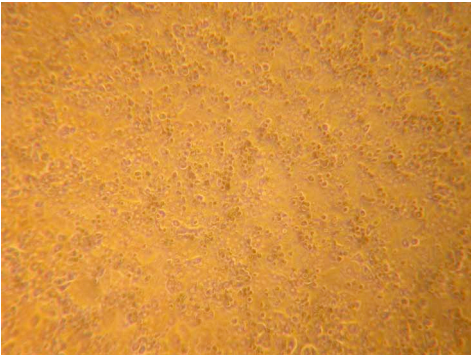
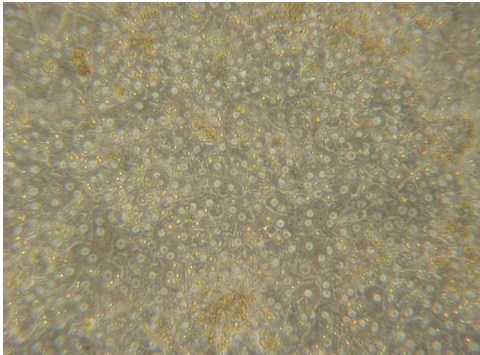


CHCP-I Cryopreserved Plateable Cynomolgus Hepatocytes for Induction assays Cell Specification		
Lot CH140815		Batch Release: March 13, 2015
Species: <i>Macaca fascicularis</i> Gender: female Age: 8 years 5 months		Serology: negative for Filovirus/Ebola-like, SRV, SIV, STLV-1
Cryopreservation: Date: August 15, 2014 Amount per vial: 10.5 x 10 ⁶ cells		Thawing: Post-thaw viability: 89.4 % Post-thaw yield per vial: 6.72 x 10 ⁶ cells Recovery: 64 %
Phase contrast on day 1 after thawing 		Phase contrast on day 3 after thawing 
Recommended seeding density on collagen-coated plates: 210,000 cells per cm ² Culture in Human Hepatocyte Maintenance Medium (HHMM).		
CYP P450 activity in culture after thawing:	pmol/(mg × min)	x-fold induction
Ethoxyresorufin-O-deethylation:		
Induction with 10 µM beta-naphthoflavone	17.9 ± 2.8	22.5
Induction with 25 µM beta-naphthoflavone	7.4 ± 0.9	9.3

Note: Yield, viability, recovery and activity assays were performed at PRIMACYT using PRIMACYT's manual for thawing, plating and culture of primary cryopreserved hepatocytes.