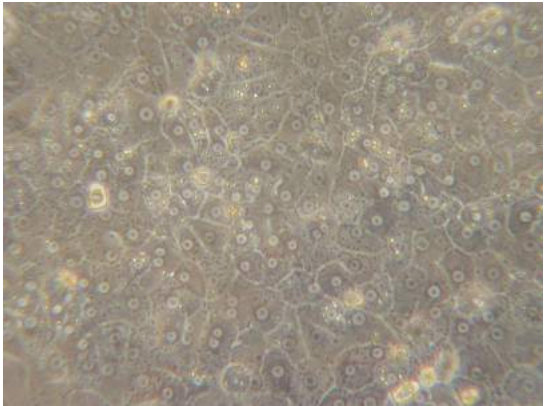
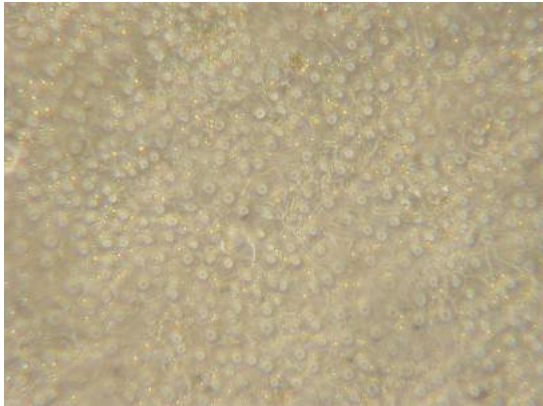


CHCP-I Cryopreserved Plateable Cynomolgus Hepatocytes for Induction assays Cell Specification								
Lot CH141204b		Batch Release: March 1, 2017						
Species: <i>Macaca fascicularis</i> Gender: female Age: 4 years 10 months		Serology: negative for Filovirus/Ebola-like, SRV, SIV, STLV-1						
Cryopreservation: Date: December 4, 2014 Amount per vial: 15 x 10 ⁶ cells		Thawing: Post-thaw viability: 88.2 % Post-thaw yield per vial: 12.6 x 10 ⁶ cells Recovery: 84 %						
Phase contrast on day 1 after thawing 		Phase contrast on day 3 after thawing 						
Recommended seeding density on collagen-coated plates: 158,000 cells per cm ² Culture in Human Hepatocyte Maintenance Medium (HHMM).								
CYP P450 activity in culture after thawing: Ethoxyresorufin-O-deethylation: Induction with 25 µM beta-naphthoflavone	pmol/(mg × min) 98.7 ± 4.1	X-fold induction 22.5						
Viability test on orbital shaker (100-150 rpm at room temperature with 0.4 x 10 ⁶ cells in 0.5 ml HPM-Cryo):								
Time (h)	0	0.5	1	1.5	2	3	4	5
Viability (%)	88.2	89.7	81.4	80.5	84.1	78.0	73.2	55.9
Note: Yield, viability, recovery and activity assays were performed at PRIMACYT using PRIMACYT's manual for thawing, plating and culture of primary cryopreserved hepatocytes.								
Issued by: A. Ullrich		Checked by: C. Garve						