Freezing Cells - 12/11/2012

Make and precool 80% (DME-10% serum) / 20% DMSO; label and precool cryovials

1. Trypsinize cells
2. Pellet at low speed (e.g 1000 xg ) for 7-10 minutes, then aspirate and discard supernatant.
3. Resuspend in 1/2 ml medium (with 10% serum) for each cryovials planned
4. Incubate on ice for 10 mins
5. Add 1/2 final volume of pre-cooled medium + 20% DMSO for each cryovial
6. Aliquot 1ml of mixture into each pre-cooled cryovial.
7. Place tubes in ice in -20 freezer for 30 mins
8. Then place in -80 freezer overnight and then transfer to N2 freezer.

example—for 6 aliquots- resuspend pellet with 3ml DMEM, then add 3ml DMEM+20%DMSO