

Hoechst 33258 Staining

Lan Zhou 2/7/03

- 1) Collect the medium to 15 ml tube;
- 2) Trypsinize the cells and transfer it into that 15ml tube;
- 3) Spin down for 5mins;
- 4) Remove the sup.
- 5) Add 10ul PBS into the tube;
- 6) Mix by pipetting up and down (**make sure the cells are completely resuspended**)
- 7) Transfer it to a new 1.5ml tube that contains the magic solution;
- 8) Mix and store it @ 4C or smear it on glass plate directly
- 9) Check stained cells under UV (microscope)

Magic solution:

75ul	PBS;
5ul	10% NP-40 in PBS;
9ul	37% formaldehyde;
1ul	1mg/ml Hoechst 33258 (Molecular Probes)