E31 How to Coat Cell Culture Plasticware with 0.1% Gelatin

(Wenli Zhang, 4/12/09; commented by TCH)

1. Prepare 0.1% gelatin solution by diluting 2% Gelatin stock solution (Sigma Cat# G1397, the 20x **stock solution** is prepared in PBS and filter sterilized, kept at 4C) in PBS.
2. Dispense sufficient 0.1% gelatin solution into a culture vessel so that it completely covers the bottom. Suggested volumes are 2-3 ml per T-25 flask or 60 mm tissue culture dish; 5-6ml per T-75 flask or 100 mm tissue culture dish.
3. Let gelatin solution sit in contact with the plastic for 30-60 minutes at room temperature inside a biosafety cabinet/hood.
4. When cells are ready for seeding, completely aspirate off all of the gelatin solution (**Note**: You can also allow the remainder to evaporate by leaving the container sitting open in the hood until the surface is dry. However, this is **NOT** necessary and increases the probability of contamination).