Procedure for preparing cells for EM

! Grow and treat cells in standard 35 mm culture dishes.
2. When the experiment is complete use the enclosed rubber policeman to carefully scrap the cells from the dish. This is done by removing all but .5mls of media from the dish and gently rubbing the dish surface with the policemen using the flat surface.
3. Add 2mls of the enclosed fixative to the media cell suspension and allow it to fix for 10 minutes at room temp.
4. Combine the contents of 3 dishes treated in the above manner and pellet the cells in a tabletop centrifuge at 1500 rpm for 5-10 minutes. This should produce a visible pellet.
5. Remove the liquid and replace with fresh fixative.
6. The samples can be transferred to a 1.5 ml eppendorp tube.
7. Fill the tube with fixative and close tube sealing with Para film.
8. Place the tubes on ice and send them to us. We will complete the processing.

We have opted for this procedure since we think it is likely that the most interesting cells are loosely attached and may fall of if you attempted to send coverslips or culture dishes. Any problems or questions you can get me in the lab at 403 220 3004.

Regards Jb

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a Trp