

### **Embedding monolayer cultures in dishes (avoiding propylene oxide).**

- Aldehyde fixation in PBS, 0.1M cacodylate, 0.2M PIPES or HEPES pH7.2 as required
- Rinse in 0.1M cacodylate buffer pH 7.2
- Post-fix in 1% osmium tetroxide in cacodylate buffer 30 min
- Wash in 50% ethanol  
(optional uranyl acetate en bloc staining 1% w/v in 50% ethanol in the dark)
- Wash in 70% ethanol and then in 90% ethanol
- Ethanol 100% x2 30 min
- Ethanol :Epoxy resin (Epoxy resin equivalent) ratio1:1(v/v) 30 min
- Epoxy resin (Epoxy resin equivalent) 100% 30 min
- Epoxy resin (Epoxy resin equivalent) 100% 30 min
- Epoxy resin (Epoxy resin equivalent) 100% to fill the petris 45 °C 2.5 days  
and then at 60 °C for 2.5 days.