Animal Morphology- LRW

Procedure for fixing and embedding animal tissue with LR White

(Not For Immmunolocalization)

**Protective Equipment**; Safety glasses, Lab coat, gloves and Chemical Fume hood

Remember to **label all vials** with; sample name, fixative type, your name & date

Primary Fixation:

2- 4% Paraformaldehyde/2% - 3% Glutaraldehyde Overnight, 4° C

 in 0.1 M Phosphate

Rinse: With Buffer 3x, 5 – 10 min ea

Dehydration:

30% Ethanol 10 mins

 50% Ethanol 10 mins

 70% Ethanol 10 mins

 95% Ethanol 10 mins

 100% Ethanol 3x, 10 m ea

Infiltration: :

 LR White : Ethanol

 1 : 1 1 hour to overnight

 100% LR White 1 h to overnight

Embedding: LR White in gelatin capsules or other O2 excluding mold, place label in mold then sample

Curing: Overnight in oven at 60 -65**°** C

 - or use vacuum oven (check for correct temp (60 -65**°** C or 140 – 149**°** F)