



Program of the Training Course In Biological Sample Preparation



Starting at 9:00 am

Tuesday 11-5-10

Plan of the Day: **(Registration and Fixation)**

- Introduction.
- Break for half an hour.

Start the work in the labs:

- Registration of the specimens in the EMU log book.
- Labeling of the glass vials.
- Cutting the specimens to small slices.
- Fixation in glutaraldehyde in the labeled vials (overnight).

Wednesday 12-5-10

Plan of the Day: **(Post fixation, Dehydration and Infiltration)**

- Rinsing the specimen slices in phosphate buffer for ten minutes three times.
- Post fixation in osmium tetroxide (2hr).
- Preparation of chemical solutions for the Tissue Processor.
- Rinsing the specimens in phosphate buffer for ten minutes three times.
- Loading the specimens in the Tissue Processor baskets.
- Setting the Tissue Processor and running the program.

Thursday 13-5-10

Plan of the Day: **(Embedding and Polymerization)**

- Labeling of the molds.
- Unloading of the specimens from the Tissue Processor baskets.
- Embedding the specimens in the molds.
- Cure the specimens in the oven for polymerization of resin and block formation.