

Schedule Summary for 2010 Berkeley CryoCourse

Day of Arrival

For those who arrive in time, meet at hotel lobby in the evening for introductions and orientation for the rest of the course.

Days 2 and 3

Rendezvous at a designated site in Pleasanton and caravan by car each day to the University of California EM Lab for 2 days of high pressure freezing and acquisition of data sets for tomographic reconstruction. Start freeze substitution at the end of Day 3.

Days 4, 5 and 6

Meet at Hitachi and split into 3 groups that will spend one day each on Tokuyasu cryosectioning, Introduction to Electron Tomography, and CryoTEM/SEM. At the end of Day 6 finish infiltration of freeze substituted samples and start resin polymerization.

Day 7

Tour and demonstrations at Gatan, Inc. during the morning. Take the rest of the day off for sightseeing.

Day 8

Sectioning of HPF material and immunolabeling of Tokuyasu and immunoresin sections. Microscopy as time permits.

Day 9

Microscopy of all samples and revisit earlier techniques if desired.
Final course review and departure.
Course dinner in the evening.