

Preliminary programme: LearningLAB: 4-6th October 2006; EMBL-Heidelberg.

DAY 1: October 4th	From gene to organisms			Room
9:00-9:30	Welcome to EMBL and ELLS			
9:30-9:50	Intro to EMBO workshops			
9:50-10:10	Intro to Explo Heidelberg			
10.10-10.25	Coffee break			
10.25-10.45	Programme Overview			
10:45-11:15	Activity 1: Visit to fish facility			
11.15-11.45	Activity 2: Fish as a developmental model			
11.45-12.00	Group picture			
12:00 -13:00	Lunch break			EMBL canteen
13.00-13.30	Activity 3a: Observe embryos and <i>in situ</i> hybridised			
13:30-16:00	Activity 3b: The virtual DNA Microarray			
16:00-17:00	Activity 4: Visit EMBL Genomic Facility			
DAY 2: October 5th		From molecules to function		
9:00-10:00		Activity 5: Face to face with proteins (electron microscopy demo)		
10:00-11.05		Activity 6: Proteins at work (talk and real time imaging demo)		
11.15 -13.00		Activity 7: Protein purification (intro and hands-on) Bio-Rad		
13:00-14.00	Lunch break			EMBL canteen
14:00-15:00		Activity 7: Protein purification (hands-on continued) Bio-Rad		
15:00-15:30		Activity 8: From crystals to function (talk)		
15.30-16..30		Activity 9: Crystal production (kit demo)		
16.30-17.00		Activity 10: Protein Power kit (NCBE) demo		
DAY3: October 6th			From science to society	
9:00-10:00			Activity 7: Protein purification (end and results' analysis) Bio-Rad	
10:00-10:30			Activity 9: Results crystallization kit	
10.30-11.00			Activity 11: From crystal to diffraction pattern (talk)	
11.00-11.40			Activity 12: Visit to Crystallisation Facility	
12:00-13:00	Lunch break			EMBL canteen
13:00-16.00			Activity 13: Interactive educational game	
16:00-17:00			Course Assessment	