

Basic Gene Mapping Course

July 17-21, 2006

Max Delbrück Center for Molecular Medicine
Berlin, Germany



Emphasis: Strategies for genetic mapping of human Mendelian and complex traits, covering both theory and applied exercises. Computer exercises will be carried out using a variety of programs (LINKAGE, MERLIN, GENEHUNTER, ALLEGRO, SIMWALK2, SNPAP, etc).

Topics: parametric methods; allele sharing (nonparametric) methods for sib-pairs and extended families; fine mapping; linkage admixture (heterogeneity); association studies; sample size estimation and estimating empirical p-values.

Instructors: Suzanne Leal (Baylor College of Medicine, Houston, Texas)
Michael Nothnagel (University of Kiel & Max Delbrück Center, Berlin, Germany)

For additional information, course schedule, and application form visit the course websites:

<http://www.hgsc.bcm.tmc.edu/genemapping/Berlin06/gmc2006.htm>

<http://capella.uni-kiel.de/gmc2006/gmc2006.htm>

(Google: gene mapping berlin 2006)