

Basic Gene Mapping Course

July 16-20, 2007

Max Delbrück Center for Molecular Medicine
Berlin, Germany

MDC
Berlin-Buch

Max Delbrück Center for Molecular Medicine

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, R, etc).

Topics: parametric methods; allele sharing (nonparametric) methods for sib-pairs and extended families; fine mapping; linkage admixture (heterogeneity); tagSNP selection, 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)

For additional information, course schedule and application form visit the course websites:
http://linkage.rockefeller.edu/suzanne/MDC_Berlin_Basic_Gene_Mapping_Course_2007.htm

(Google: Gene Mapping Berlin 2007)