

# Genetic Linkage Course

July 7-10, 2009

Max Delbrück Center for Molecular Medicine  
Berlin, Germany

MDC  
Berlin-Buch

Max Delbrück Center for Molecular Medicine

**Emphasis:** Strategies for analysis of family data using linkage analysis to map human Mendelian and complex traits. This course will cover both theory and applied exercises. Computer exercises will be carried out using a variety of programs (LINKAGE, MERLIN, GENEHUNTER, ALLEGRO, SIMWALK2, SLINK, etc).

**Topics:** Parametric and nonparametric (allele sharing) analysis for sib-pairs and extended families; fine mapping; linkage admixture (heterogeneity); variance components analysis, homozygosity mapping, power and sample size estimation and 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\\_Linkage\\_Course\\_2009.html](http://linkage.rockefeller.edu/suzanne/MDC_Berlin_Linkage_Course_2009.html)

(Google: Berlin Genetic Linkage Course 2009)