APPLIED MATHEMATICS COLLOQUIUM

ANCESTRY MAPPING
USING POPULATION GENETICS TO FIND DISEASE GENES

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ABSTRACT:

We describe recombination, a basic biological process that underlies most of modern genetics, and briefly sketch how geneticists are seeking for the genetic causes of human disease.

We then will discuss ancestry mapping, which has only recently become feasible, and is a method that uses population genetics to search the whole genome efficiently for disease mutations.

MONDAY, NOVEMBER 1, 2004
4:15 PM
Building 4, Room 231

Refreshments at 3:30 PM in Building 2, Room 349.

Applied Math Colloquium: http://www-math.mit.edu/amc/fall04
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