

Molecular Biology

Overview of Human Genetics
Basics of DNA/RNA and protein-structure-function;
Methodology: Northern/Southern, PCR, Westerns,
Microarrays
Abnormalities in Gene Structure & Function, Human
Diseases; Methodologies:
Linkage and gene identification, mutation, detection
Faculty Presentations: Genetic Approaches to
understanding disease; Gene Therapy
Overview of Cell Biology: Organelles and protein
trafficking
Cancer, growth factors, and oncogenes, Cell cycle,
apoptosis and aging

Tuesday, 4-6 pm
April 25 – May 30
(6 lectures)
BCRI 5th floor Conf Room

Dr. L. Baumbach