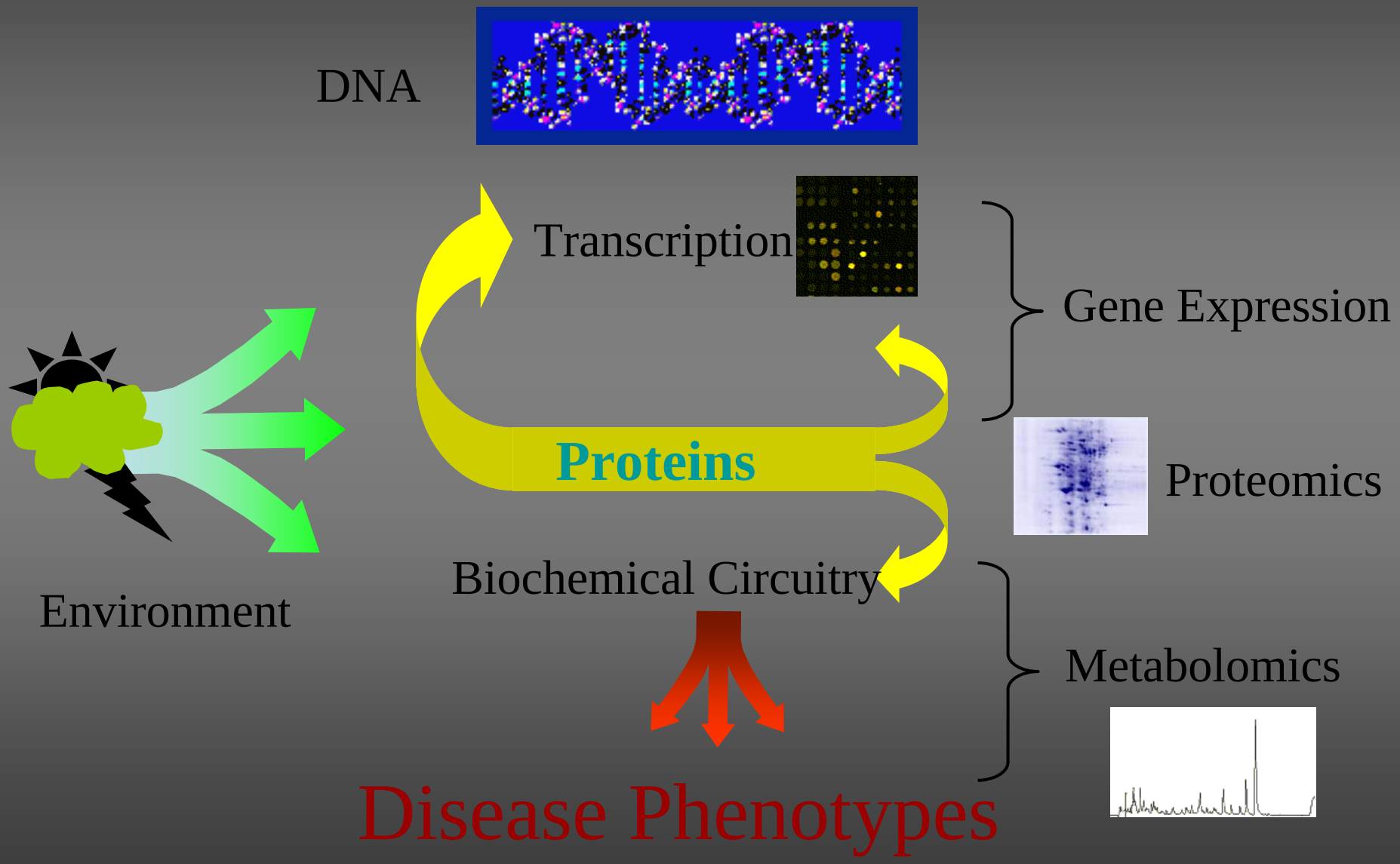
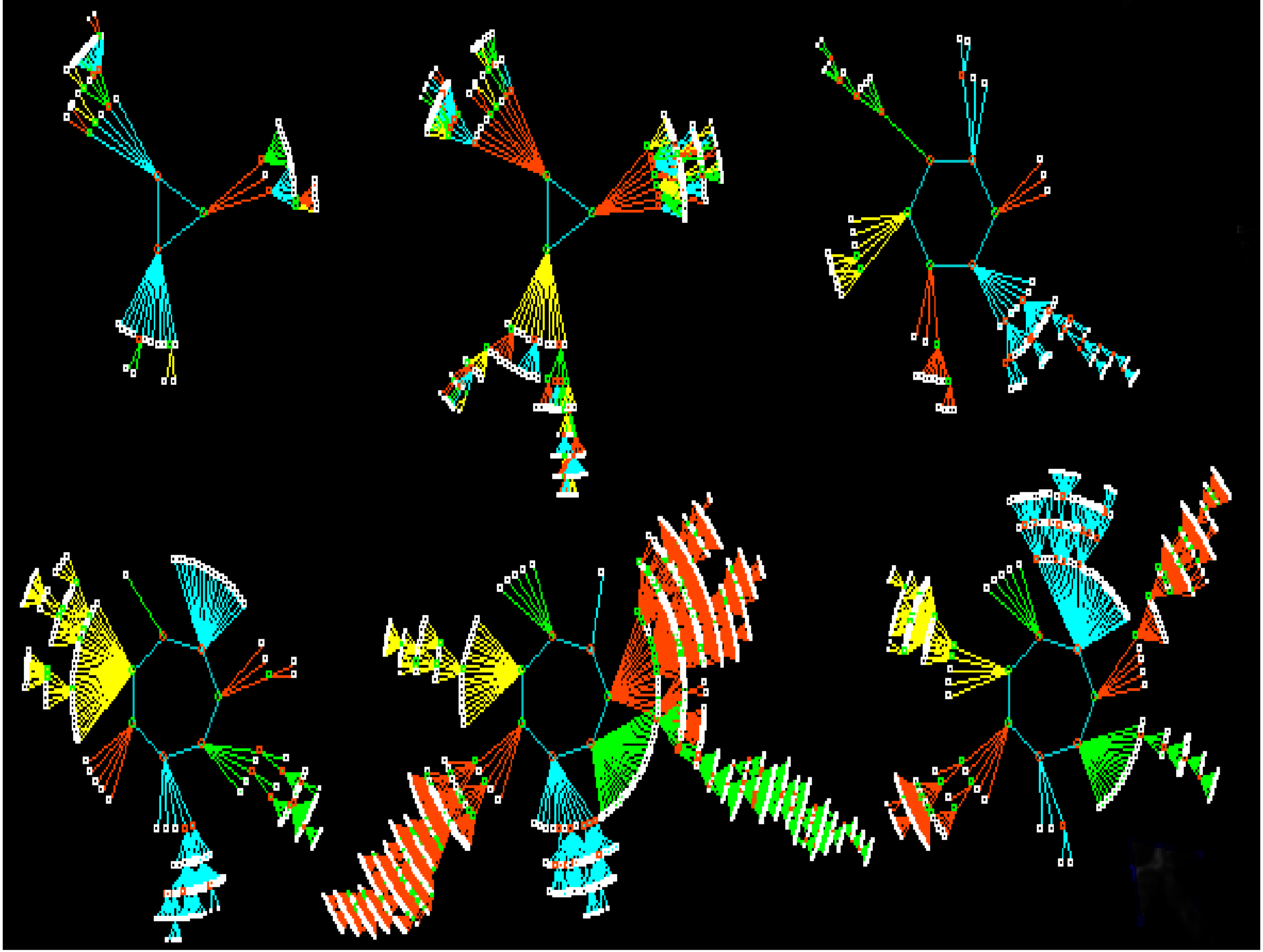
Metabolic Profiling: Application to Toxicology and Risk Reduction

Complexity of Biological Networks

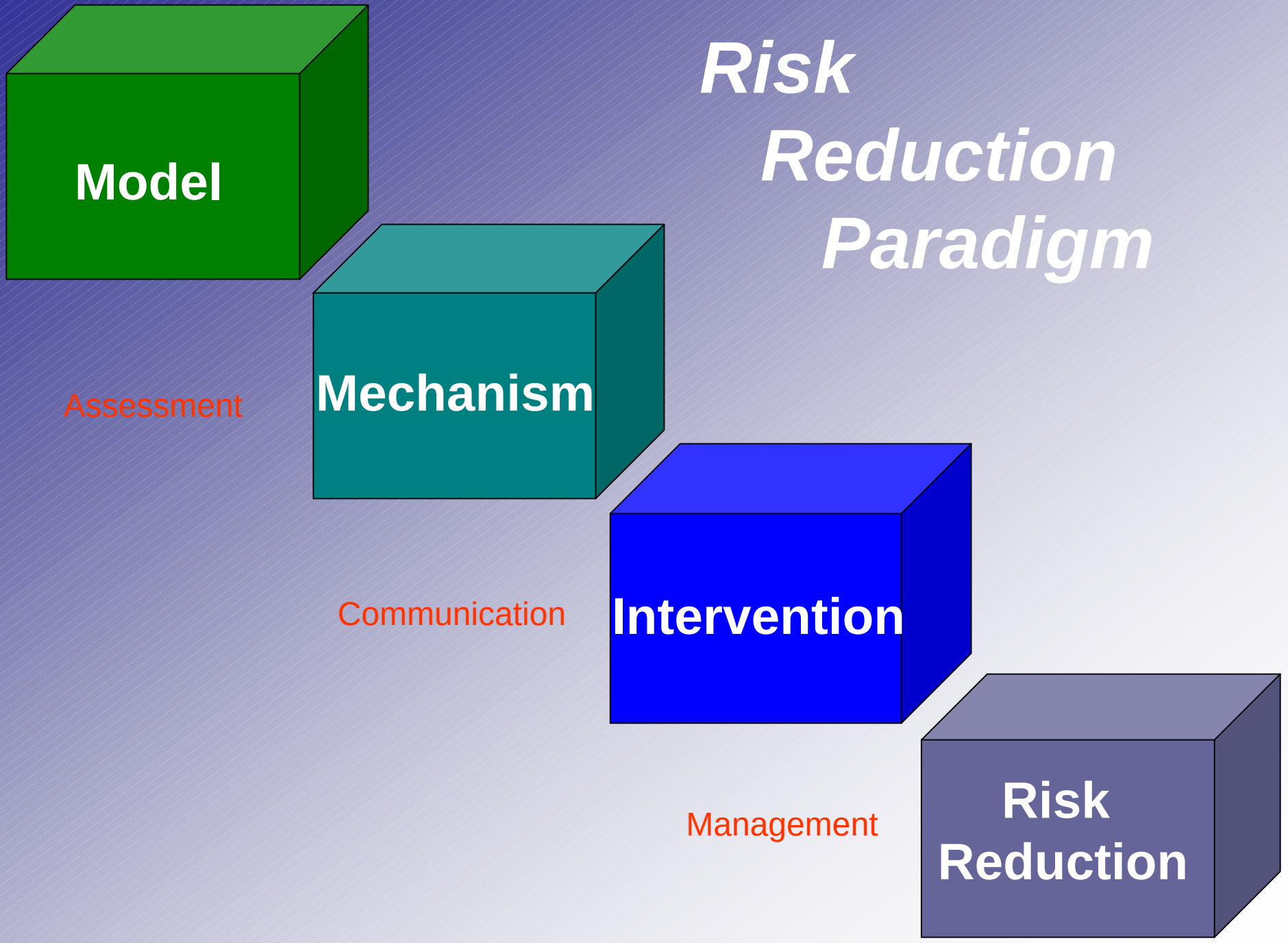
Genes
Proteins
Metabolites

ENVIRONMENTAL INJURY





Risk Reduction Paradigm



Metabolic Profiling: Application to Risk Reduction

Steve Watkins	***Biochemical Profiling of Lipids Lipomics Technologies***
Paul N-W Lee	***Development of Risk Reduction Strategies Through Metabolic Profiling UCLA***
R. Kaddurah-Daouk	***Metabolic Analysis and Signatures in Patients with Amyotrophic Lateral Sclerosis, Dana-Farber Cancer Institute and Metabolon, Inc.***
Shawn Ritchie	***Comprehensive Metabonomics Phenomenome Discoveries, Inc.***

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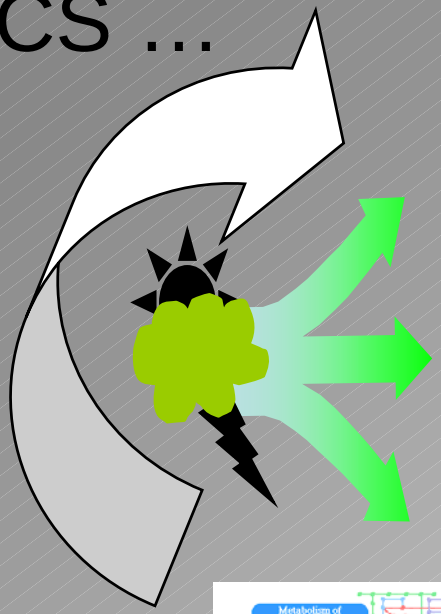
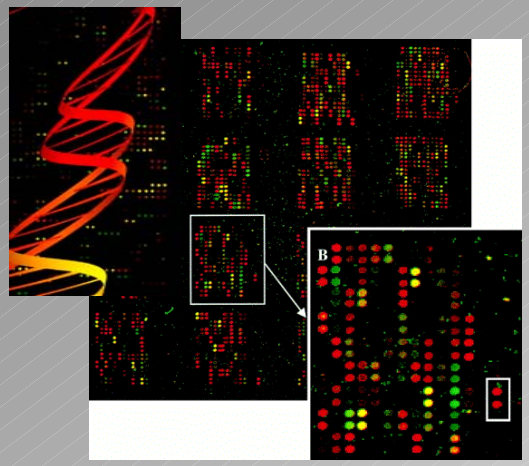
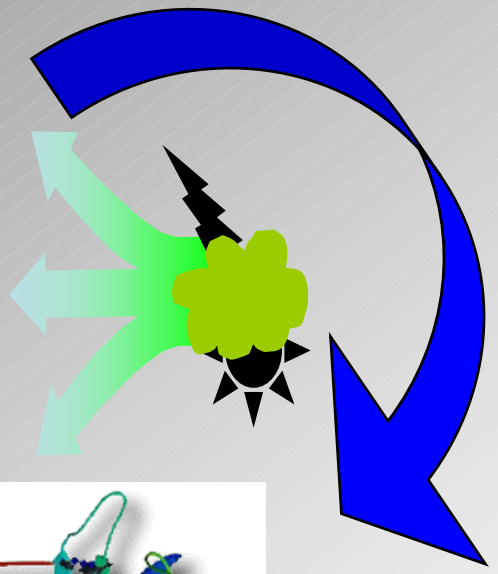
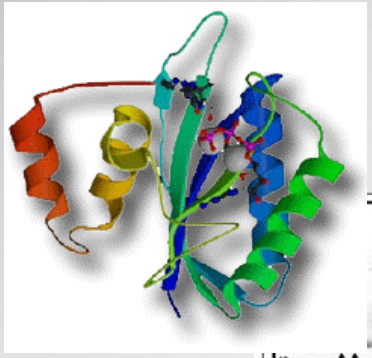
OMICS …

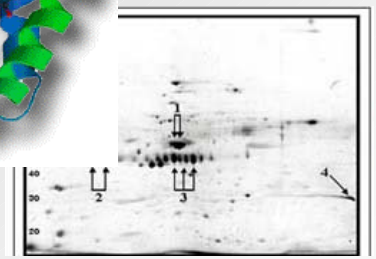




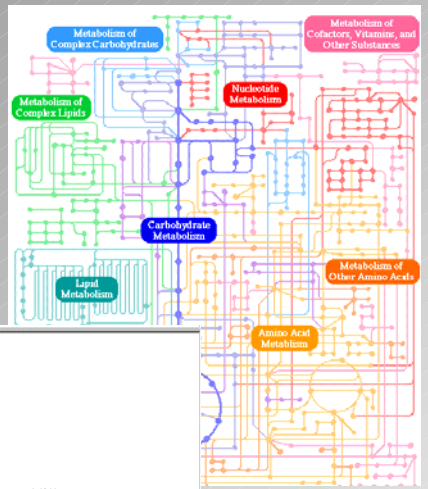
Genomics

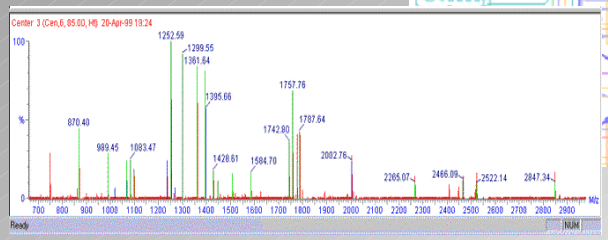


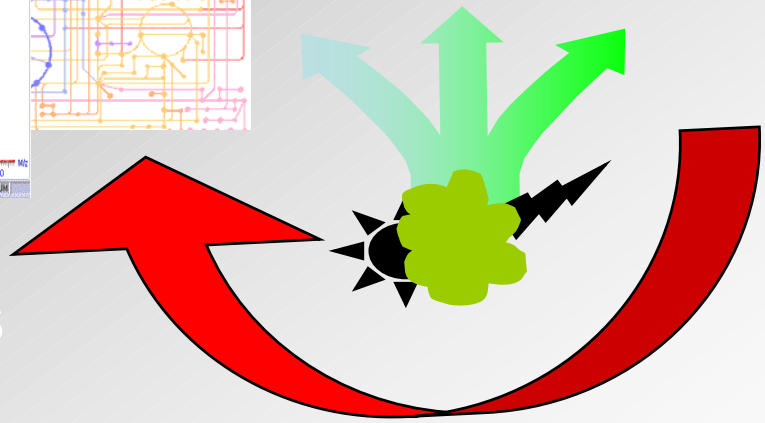




Proteomics







Metabolomics