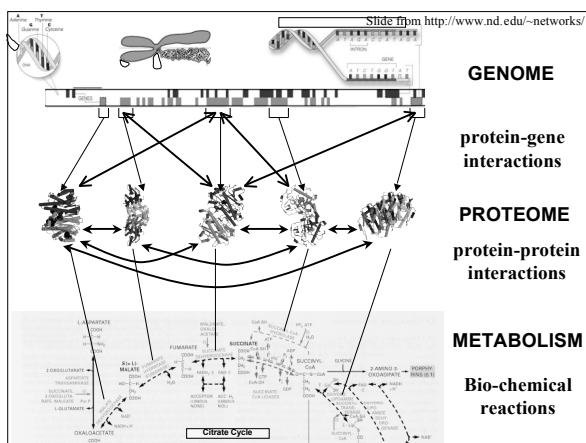


Bioinformatics 2

Introduction

Armstrong, January 07



Slide from <http://www.nd.edu/~networks/>

Lecture 1

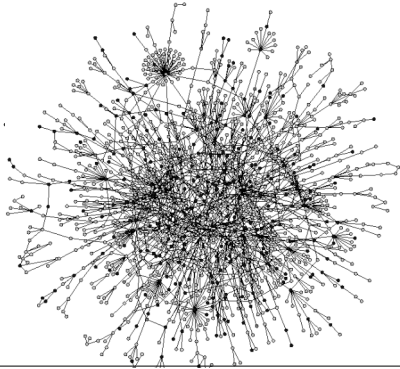


PROTEOME

Armstrong, January 07

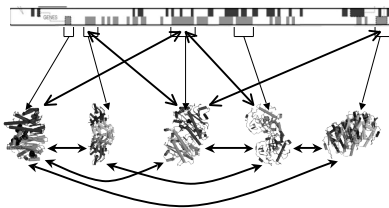
Slide from <http://www.nd.edu/~networks/>

Lecture 2 and later (interaction networks)



PROTEOME
protein-protein
interactions

Slide from <http://www.nd.edu/~networks/>



GENOME

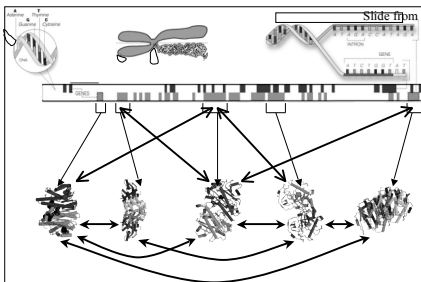
protein-gene
interactions

PROTEOME
protein-protein
interactions

Lectures 3,4
Functional genomics, microarrays and
protein-gene interactions

Armstrong, January 07

Slide from <http://www.nd.edu/~networks/>



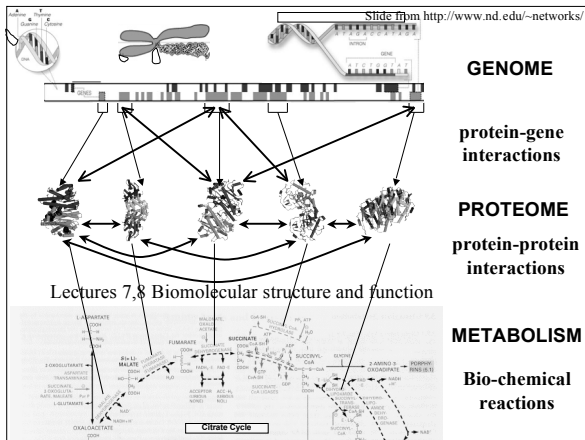
GENOME

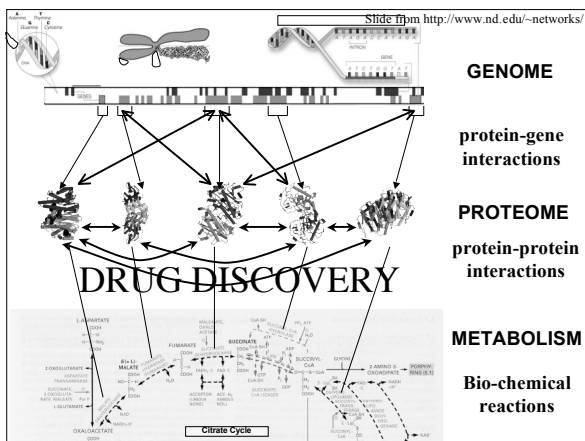
protein-gene
interactions

PROTEOME
protein-protein
interactions

Lectures 5,6 genetics and sequence level bioinformatics

Armstrong, January 07





Guest lectures and topics (subject to change)

Yuri Rappsilber (Biological Sciences) Proteomics

Donald Dunbar (Centre for Inflammation Research)
Microarray technologies

Dirk Husmeier (BOSS) Machine Learning in Bioinformatics

Malcolm Walkinshaw (Biological Sciences)
Structure based in silico drug design

Chris Larminie (GalaxoSmithKline)
Bioinformatics in the Pharmaceutical Sector

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