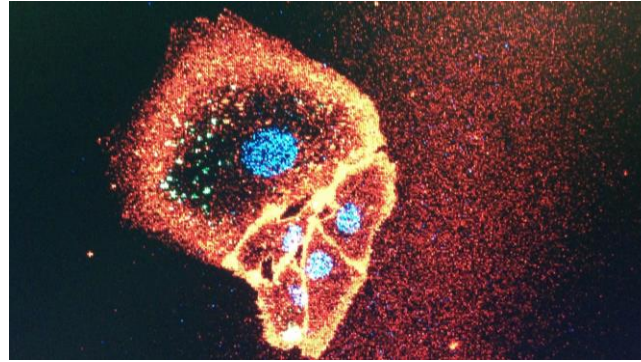


Reductionist approach:

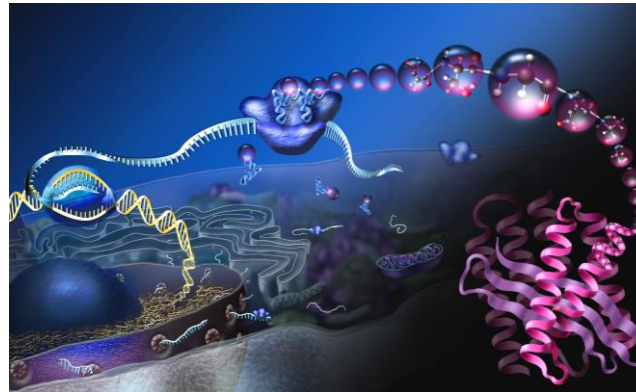
Components
biology

HT analytical chemistry:
Genomics,
Transcriptomics,
Proteomics

20th-Century Biology



A.



B.

Integrative approach:

Systems
biology

Integrative analysis:
Bioinformatics,
Mathematical models,
Computer (*in silico*)
simulation

21st-Century Biology