The Grand Challenge of the 21st Century in S & T is Complexity

- Medicine as an informational science
- **Systems approaches** allow one to understand wellness and disease – holist rather than atomistic
- **Emerging technologies** will allow us to explore new dimensions of patient data space
- **Transforming analytic tools** will allow us to decipher the billions of data points for the individual

Source: Institute for Systems Biology
6 CHARACTERS REBOOTING
MEDICINE AND HEALTH

Accelerating Digital Technology

Super-Convergence

Reboot

Wireless Sensors & Devices

Mobile Connectivity

Social Networking

Genomics

Internet

Imaging

Data Universe

Health Information Systems


Based on the work of Dr. Eric Topol, author of "The Creative Destruction of Medicine: How the Digital Revolution Will Create Better Health Care"

Montserrat Vendrell, CEO, Biocat