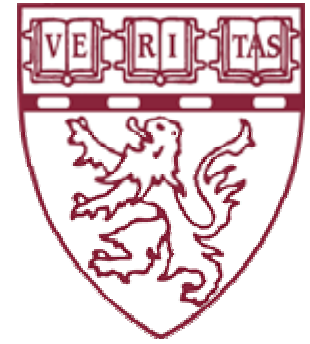


Biomedical Computing
6.872 / HST 950



Engineering Biomedical Information: From Bioinformatics to Biosurveillance

Instructors: Marco F Ramoni and Isaac S Kohane

An interdisciplinary introduction to the technological advances in biomedical informatics and their applications at the intersection of computer science and biomedical research. Lecturers include leaders in computational genomics and bioinformatics, CIOs of major hospitals and HMOs, and biosecurity experts.

Bioinformatics

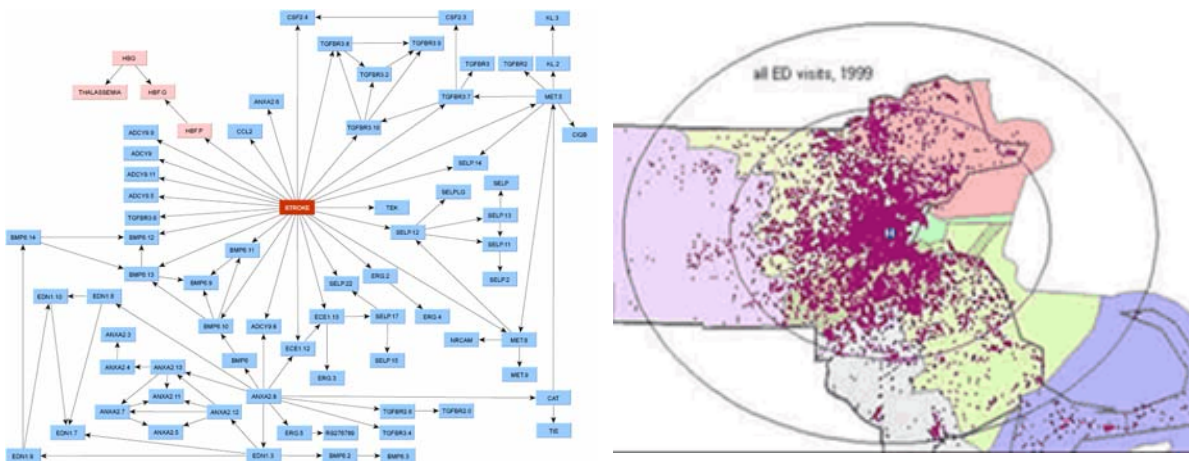
- Computational Genomics
- Microarray Technology
- Proteomics
- Pharmacogenomics
- Genomic Privacy

Clinical Informatics

- Clinical Information Systems
- Controlled Medical Records
- Patient Data Security
- Remote Medical Care

Biosurveillance

- Spatial Epidemiology
- Geotemporal Surveillance Systems
- Realtime Outbreak Detection
- Privacy Preserving Surveillance



What do these pictures have in common?



Tuesday and Thursday, 2:30pm-4:00pm in 26-322
<http://chip.tch.harvard.edu/teaching/hst950>

