Biomedical Data Translator

Noel Southall, Ph.D.

Informatics
Division of Pre-Clinical Innovation
Biomedical Data Translator

• The issue: Clinicians and biologists think of disease in different ways, and speak different languages – how do we make connections and enable discoveries from our data

Goals and objectives

• Bridge across diverse data relevant to understanding biology of disease, such as clinical signs and symptoms, patient health records, gene sequencing, etc.

• Accelerate biomedical translation by developing a biomedical “data translator” for the research community

• Open source and completely publicly available
Translator: Engagement with patient partners

- **Examples of patient partner engagement**
  - Consented samples and data
  - Connecting diseases with shared biology
  - Developing research agendas

- **Opportunities**
  - Tell us about your registries
  - Increase the value of patient registries by documenting symptoms and natural history

We don’t know what we don’t know. We need you.