



**INTERNATIONAL GENETIC  
EPIDEMIOLOGY SOCIETY**

# 22nd Annual IGES Conference

**Intercontinental Hotel  
Magnificent Mile  
Chicago, Illinois, USA**

**September 15-17, 2013**

**Educational Workshop: \$75 Limited Seating!**

**Sunday, September 15th**

1:00—5:00pm

## Advancing Scientific Progress through Genomic Data Sharing: Access and Analysis

### What will be discussed?

- Overview of access policies and mechanisms
- Review of currently available datasets, providing information on format and content
- Research Panel will share expertise and first-hand experiences using shared genomic data (from both dbGaP and EGA) in their own research programs and stimulate discussion on current scientific issues arising when using existing data for analysis and methods development and provide practical advice on topics including: facilitating data sharing and navigating common pitfalls and obstacles in accessing controlled access data

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### FEATURED SPEAKERS Day 1:

**Nadeem Sarwar, Pfizer:** Senior Director, Pfizer Worldwide R&D  
Head, Population Research & Head, Cardiovascular Metabolic and  
Endocrine Genetics

### The Contemporary Role of Genetic Epidemiology in Drug Discovery and Development



**Alviz Brazma, ENCODE,** European Bioinformatics  
Institute, EMBL-EBI, Hinxton, UK:

### Using High Throughput Sequencing and Other Functional Assays to Study How Genome Works and Some of the Lessons Learned

#### Annotation and how it can be used in analysis

Microarray and high sequencing technologies in particular have helped to shed light on many aspects of genome function, though at the same time have shown that genome is much more complex than thought before. I will discuss some of the recent discoveries and results of our own work at EBI, as well as more widely – what have we learned from projects such as ENCODE or ICGC so far. I will also briefly describe some of the functional genomics resources at the European Bioinformatics Institute and the European efforts to build a sustainable bioinformatics infrastructure.

### FEATURED SPEAKERS Day 2:

**Teri Manolio, NHGRI:**  
**New Models for Large Prospective  
Studies involving Genomics**



**Stephen Montgomery, Stanford:**  
**The Impact of Rare Variation on  
Gene Expression in Families"**

**RNA-seq experiments, triangulation of traits,  
epidemiologic factors and tissues**

I plan to talk about our effort to detect and identify rare non-coding variants in families (particularly from our large Sardinia cohort) and the impact of these variants on gene expression and clinical phenotypes.

### OTHER CONFERENCE EVENTS:

- Welcome Reception Sunday evening
- Young Investigators Mixer Sunday evening
- Abstract Presentations and Poster presentations on Monday and Tuesday
- Dinner Banquet at the famous Chicago Navy Pier