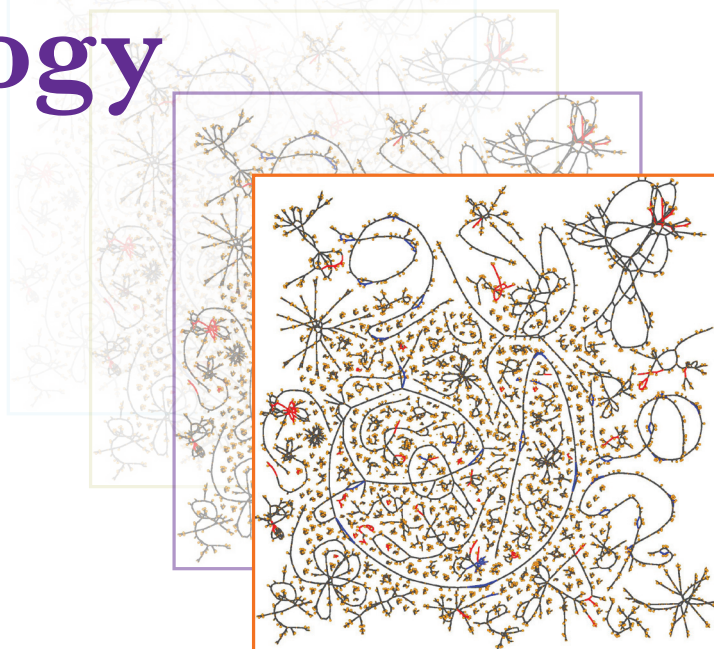


Biotechnology

and

Big Data



Session 1: Ecological + Environmental Big Data

April Gu, Northeastern University

“Data Quality Control and Challenges in Dealing With High-dimension Ecotoxicogenomics Data”

Michael Fischbach, University of California, San Francisco

“A Gene-to-Molecule Approach to The Discovery and Characterization of Small Molecules from Microbes”

Session 2: Cancer

Mike Dyer, St. Jude Children’s Research Hospital

“Translational Research for Pediatric Cancer”

Birgit Schoeberl, Merrimack Pharmaceuticals

“Using Basal and Induced Receptor Profiles to Predict Drug Response in a Panel of Breast Cancer Lines”

Poster Session & Lunch

Session 3: Clinical Genomics

Santhosh Girirajan, Penn State University

“Untangling The Genetic Basis of Neurodevelopmental Disorders”

Howard Jacob, Medical College of Wisconsin

“Genome Sequencing: From Bedside to Bench”

Session 4: Data Visualization + Handling

Jonas Almeida, University of Alabama at Birmingham

“Biomedical Bigdata Science: Bioinformatics Code Will Travel to Where the Data Is”

Martin Krzywinski, Genome Sciences Center

“Visual Design Principles for Visualizing Quantitative Data”

November 12, 2013

Alumni Hall - 211 Emmett Street
University of Virginia

<http://goo.gl/Rfdvou>



Register online to reserve lunch.