Instructors

Christopher Austin, M.D.  Director, NIH Chemical Genomics Center
Jim Inglese, Ph.D.  Deputy Director, NIH Chemical Genomics Center

Thursday, April 20, 2006

9:30 - 11:30 am  Introduction to Chemical Genomics  Dr. Austin
   • What is “Chemical Genomics”?
   • What is the mission of the NCGC, and the Molecular Libraries Roadmap?
   • How does the NCGC do screening?

What is meant by “assay” in HTS parlance  Dr. Inglese
   • What kinds of assays can be run via HTS generally?
   • What kinds of assays can be run at the NCGC?

11:30 – 12:30 pm  Lunch

12:30 - 1:30 pm  Nuts and bolts of how to convert a lab-based assay to HTS format  Dr. Inglese
   Caveats in interpreting HTS data  Dr. Inglese
   Profiling assays at the NCGC  Dr. Austin
   The tox profiling collaboration with NIEHS/NTP/EPA  Dr. Austin