

Autism Sequencing Consortium
National Institutes of Health
Natcher Balcony B
Friday, September 9, 2011
8:30AM – 5:00PM

Agenda

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| 8:30AM - 9:00AM | <p style="text-align: center;"><i>Introductions & Goals</i></p> <p>Thomas Lehner, Ph.D., M.P.H.
Joseph Buxbaum, Ph.D., and Matthew State, M.D., Ph.D.</p> |
| 9:00AM – 9:30AM | <p><i>Autism – Where have we been? Where are we going?</i></p> <p>Thomas Insel, M.D.</p> |
| 9:30AM – 10:00AM | <p><i>From genes to pathways to novel therapeutics in autism spectrum disorders</i></p> <p>Joseph Buxbaum, Ph.D.</p> |
| 10:00AM – 10:30AM | <p><i>The ARRA Autism Sequencing Collaboration</i></p> <p>Mark Daly, Ph.D</p> |
| 10:30AM – 11:00AM | <p><i>The Genetic Architecture of Autism Spectrum - and Related- Neurodevelopmental Disorders Revealed through High-Resolution Genome Analysis</i></p> <p>Steve Scherer, Ph.D.</p> |
| 11:00AM – 11:30AM | <p><i>Simons Trio Study and Use of Large Replication Samples for Rare Variants</i> (Tentative title)</p> <p>Evan Eichler, Ph.D.</p> |
| 11:30AM – 12:00PM | <p><i>Allelic Landscape of Autism Spectrum Disorders</i></p> <p>Bernie Devlin, Ph.D.</p> |
| 12:00PM – 12:30 PM | <p><i>Use of Epidemiological Samples in Genetic and in GeneXEnvironment Studies</i></p> <p>Christina Hultman, Ph.D.</p> |
| 12:30PM – 1:00 PM | <p><i>Multidimensional Data Analysis in Complex Disease</i></p> <p>Eric Schadt, Ph.D.</p> |
| 2:00PM – 4:00PM | <p><i>Breakout Sessions</i></p> <ol style="list-style-type: none">1. Sequence technology and data harmonization (Mark Daly)2. Statistical inference from NGS data (Bernie Devlin and Mark Daly)3. Samples/phenotype (Michael Gill and Joseph Buxbaum)4. Omniscience (Thomas Lehner and Matthew State) |
| 4:00PM – 4:45PM | <p>Large group meeting and presentation by each working group</p> |
| 4-45PM- 5:00PM | <p><i>Summary and Next Steps</i></p> <p>Matthew State, M.D., Ph.D</p> |