

## UAB-HUDSONALPHA CENTER FOR GENOMIC MEDICINE SYMPOSIUM

Wednesday, May 4, 2016 • 10:00 a.m. – 6:00 p.m.  
Jackson Center • Huntsville, Alabama

# AGENDA

- |                         |  |
|-------------------------|--|
| 09:30 a.m. – 10:00 a.m. | <b>Registration</b>  |
| 10:00 a.m. – 10:20 a.m. | <b>Welcome and Introduction to HudsonAlpha</b><br><i>Richard M. Myers, PhD, HudsonAlpha Institute for Biotechnology and Co-Director of the UAB-HudsonAlpha Center for Genomic Medicine</i>   |
| 10:20 a.m. – 10:40 a.m. | <b>State of the UAB-HudsonAlpha Center for Genomic Medicine</b><br><i>Bruce Korf, MD, PhD, The University of Alabama at Birmingham and Co-Director of the UAB-HudsonAlpha Center for Genomic Medicine</i>  |
| 10:40 a.m. – 11:00 a.m. | <b>Genomic Sequencing for Clinical Use and Basic Research</b><br><i>Howard Jacob, PhD, Genomic Medicine, HudsonAlpha Institute for Biotechnology</i>   |
| 11:00 a.m. – 11:20 a.m. | <b>How Genomics can End the Diagnostic Odyssey</b><br><i>Martina Bebin, MD, MPA, Department of Neurology and Epilepsy Center, The University of Alabama at Birmingham</i>  |
| 11:20 a.m. – 12:00 p.m. | <b>Tour of the HudsonAlpha Facility</b>  |
| 12:00 p.m. – 01:00 p.m. | <b>Lunch</b>   |
| 01:00 p.m. – 01:20 p.m. | <b>An Old Kinase finds a New Role: Regulating Cardiac Growth during Development</b><br><i>Gregg Rokosh, PhD, Division of Cardiovascular Disease, The University of Alabama at Birmingham, UAB-HudsonAlpha Center for Genomic Medicine 2015 Grant Awardee</i> |

**AGENDA, cont.**

- 01:20 p.m. – 01:40 p.m. **Integrating Molecular Data to Target Glioblastomas Heterogeneity**  
*Anita Hjelmeland, PhD, Department of Cell, Developmental and Integrative Biology, The University of Alabama at Birmingham, UAB-HudsonAlpha Center for Genomic Medicine 2015 Grant Awardee*
- 01:40 p.m. – 02:00 p.m. **Metabolic Regulation of the Kidney Cancer Epigenome**  
*Sunil Sudarshan, MD, Department of Urology, The University of Alabama at Birmingham, UAB-HudsonAlpha Center for Genomic Medicine 2015 Grant Awardee*
- 02:00 p.m. – 02:30 p.m. **Coffee Break**
- 02:30 p.m. – 02:50 p.m. **Case Studies Exploring the Clinical and Personal Utility of Whole Genome Sequencing**  
*Liz Worthey, PhD, Software Development and Informatics, HudsonAlpha Institute for Biotechnology*
- 02:50 p.m. – 03:10 p.m. **The UAB Molecular Tumor Board: Precision Medicine for Cancer Patients**  
*Eddy Yang, MD, PhD, ROAR Southeast Cancer Foundation Endowed Chair, The University of Alabama at Birmingham*
- 03:10 p.m. – 03:30 p.m. **Phased Genomes for Variant and Structural Analysis: Towards a Reference Free Assembly of Human Genomes**  
*Shawn Levy, PhD, Genomic Services Laboratory and the Clinical Services Lab, HudsonAlpha Institute for Biotechnology*
- 03:30 p.m. – 04:30 p.m. **Panel Discussion**
- 04:30 p.m. – 06:00 p.m. **Reception**

**Register Now**

**THE MEETING REGISTRATION IS FREE OF CHARGE.**

Space is limited and registrations will be taken on a first-come, first-served basis.

PRESENTED BY: