

UAB-HUDSONALPHA CENTER FOR GENOMIC MEDICINE SYMPOSIUM

Monday, May 8, 2017 • 10:00 a.m. – 6:00 p.m.
Jackson Center • Huntsville, Alabama

AGENDA

09:30 a.m. – 10:00 a.m. **Registration and Breakfast**

10:00 a.m. – 10:20 a.m. **Welcome and Introduction to HudsonAlpha**

Richard M. Myers, PhD, HudsonAlpha Institute for Biotechnology and Co-Director of the UAB-HudsonAlpha Center for Genomic Medicine

10:20 a.m. – 10:40 a.m. **UAB-HudsonAlpha Center for Genomic Medicine - Accomplishments and New Activities in 2017**

Bruce R. Korf, MD, PhD, University of Alabama at Birmingham and Co-Director of the UAB-HudsonAlpha Center for Genomic Medicine

10:40 a.m. – 11:00 a.m. **Genomic Approaches to Improved Cancer Treatments**

-Donald Buchsbaum, PhD, Department of Radiation Oncology, The University of Alabama at Birmingham
-Sara Cooper, PhD, HudsonAlpha Institute for Biotechnology

11:00 a.m. – 11:20 a.m. **Alabama Genomic Health Initiative - Introduction and Overview**

-Bruce Korf, MD, PhD, Department of Genetics, The University of Alabama at Birmingham
-Greg Cooper, PhD, Faculty Investigator, HudsonAlpha Institute for Biotechnology

11:20 a.m. – 11:40 a.m. **Epigenomic Factors in Complex Human Diseases**

Devin Absher, PhD, Faculty Investigator, HudsonAlpha Institute for Biotechnology

11:40 a.m. – 12:10 p.m. **Tour of the HudsonAlpha Facility**

12:10 p.m. – 01:00 p.m. **Lunch**

01:00 p.m. – 01:20 p.m. **Structural Variants of Antibody Receptors and Disease Risk**

Robert Kimberly, MD, Department of Medicine, The University of Alabama at Birmingham, UAB-HudsonAlpha Center for Genomic Medicine 2016 Grant Awardee

AGENDA, *cont.*

- 01:20 p.m. – 01:40 p.m. **Defining the Genetic Determinants of the Severity of Roberts Syndrome**
John Parant, PhD, Department of Pharmacology and Toxicology, The University of Alabama at Birmingham, UAB-HudsonAlpha Center for Genomic Medicine 2016 Grant Awardee
- 01:40 p.m. – 02:00 p.m. **Genetic Defects in Cytolysis in Patients with Macrophage Activation Syndrome Enrolled in a Clinical Trial to Explore Interleukin-1 Blockade Therapy**
Randy Cron, MD, PhD, Department of Pediatrics, The University of Alabama at Birmingham, UAB-HudsonAlpha Center for Genomic Medicine 2016 Grant Awardee
- 02:00 p.m. – 02:15 p.m. **Integrating Targeted Deep Sequencing with Comprehensive Drug Screening in a Precision Medicine Initiative for Acute Myeloid Leukemia**
Miranda Burnette, PhD, Department of Microbiology, The University of Alabama at Birmingham, UAB-HudsonAlpha Genomic Medicine Postdoctoral Training Program Awardee 2016
- 02:15 p.m. – 02:30 p.m. **Application of Genomic Medicine Approaches to Neurologic Diseases: From Discovery to Mechanism**
Nick Cochran, PhD, Myers Lab, HudsonAlpha, UAB-HudsonAlpha Genomic Medicine Postdoctoral Training Program Awardee 2016
- 02:30 p.m. – 03:00 p.m. **Coffee Break**
- 03:00 p.m. – 04:00 p.m. **Working Group Meetings**
Breakout in systems and/or disease oriented working groups to discuss collaborative systematic approach in area of interest
- 04:00 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: