

Symposium

AGENDA

Wednesday, May 1, 2019 • 10:00 a.m. – 6:00 p.m.

Jackson Center • Huntsville, Alabama

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

10:00 a.m. – 10:05 a.m. **Welcome to HudsonAlpha**

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

10:05 a.m. – 10:20 a.m. **CGM turns Five | Past Achievements and Future Opportunities!**

- Greg Barsh, MD, PhD, Faculty Chair, HudsonAlpha Institute for Biotechnology
- Bruce Korf, MD, PhD, Chief Genomics Officer, The University of Alabama at Birmingham and Co-Director of the UAB-HA Center for Genomic Medicine

10:20 a.m. – 11:20 a.m. **Keynote:**
Patient-Centered Precision Health in a Learning Health Care System:
Geisinger's Genomic Medicine Experience

Marc S. Williams, MD, Director, Geisinger Genomic Medicine Institute in Danville, PA

11:20 a.m. – 11:50 a.m. **Empowering Team-Based Research Across the Translational Spectrum with U-BRITE**

Jim Cimino, PhD, Director Informatics Institute, The University of Alabama at Birmingham

11:50 a.m. – 12:35 p.m. **Lunch**

12:30 p.m. – 01:00 p.m. **Optional HudsonAlpha Tour**

01:00 p.m. – 01:10 p.m. **Exon skipping to treat intragenic Neurofibromatosis Type I (NF1) mutations**

Michael Daniel, PhD, The University of Alabama at Birmingham

01:10 p.m. – 01:30 p.m. **Pharmacogenomics in a learning health system: research, implementation, teaching, and improved delivery of health care**

- Brittney Davis, Pharm.D, The University of Alabama at Birmingham
- Nita Limdi, Pharm.D, PhD, The University of Alabama at Birmingham

AGENDA, *cont.*

- 01:30 p.m. – 01:45 p.m. **Estimating Genetic Ancestry for AGHI Participants**
Devin Absher, PhD, HudsonAlpha Institute for Biotechnology
- 01:45 p.m. – 02:00 p.m. **Break**
- 02:00 p.m. – 02:15 p.m. **AGHIpop: Pipeline for Analysis of Genome-Wide Association Data from the Alabama Genomic Health Initiative (AGHI)**
Merry-Lynn McDonald, PhD, The University of Alabama at Birmingham
- 02:15 p.m. – 02:30 p.m. **Functional significance of VUS in Ras pathway genes: NTRK2, 14-3-3 zeta, BRAF, and EGFR and potential therapeutics**
Deeann Wallis, PhD, The University of Alabama at Birmingham
- 02:30 p.m. – 03:30 p.m. **Panel Discussion: CGM Opportunities for 2019**
Moderators: Bruce Korf, MD, PhD and Greg Barsh, MD, PhD
Panelists: Marc Williams, MD, Jim Cimino, PhD, Nita Limdi, Pharm.D, PhD, Devin Absher, PhD, Greg Cooper, PhD
- 03:30 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: