



**Afternoon Session\***

**Moderator:** *Dan Sharer, PhD, University of Alabama at Birmingham*

**2:00 – 2:20 pm**

**Mitochondrial-Nuclear eXchange Mice Reveal Genetic Contributions to Disease**

*Laura Lambert, PhD, University of Alabama at Birmingham*

**2:20 – 2:40 pm**

**Functional Validation of Sequence Variants**

*Jozef Lazar, MD, PhD, HudsonAlpha Institute for Biotechnology*

**2:40 – 3:00 pm**

**High-throughput Identification of Drug Resistance Mechanisms in Pancreatic Cancer Using Pooled CRISPR Screening**

*Andrew Hardigan, BA, University of Alabama at Birmingham/HudsonAlpha Institute for Biotechnology*

**3:00 – 3:20 pm**

**Break**

**3:20 – 3:40 pm**

**Translating Genomic Science to Mitigate a Health Disparity for Adopted Persons**

*Tom May, PhD, HudsonAlpha Institute for Biotechnology*

**3:40 – 4:00 pm**

**The Alabama Genomic Health Initiative**

*Bruce Korf, MD, PhD, University of Alabama at Birmingham*

**4:00 – 4:20 pm**

**Creating an Inclusive Genetic Counseling Workforce: A Local Educational Initiative**

*Jenny Morgan, BS, University of Alabama at Birmingham*

**4:30 -**

**Reception**

\*Speaker bios and poster abstracts can be found online at  
<http://www.uab.edu/medicine/genetics/research/scientific-retreats>