



Wednesday, September 4, 2024

11:00 a.m. – 7:30 p.m.

Hospitality Desk

**Pre-Conference Workshops**

1:00 p.m. – 2:30 p.m.

**Navigating Clinical Genomic Databases**

***Co-Chairs***

Heidi Rehm, Center for Genomic Medicine, Massachusetts General Hospital, Program in Medical and Population Genetics, Broad Institute

Kaitlin Samocha, Center for Genomic Medicine, Mass General Hospital

**Description:** Participants will learn about the latest advances in clinical genomics databases such as gnomAD and ClinVar and how to use these data for variant discovery, functional prediction, and clinical interpretation. The Co-Chairs will provide live demonstrations of the utility of these databases and address questions.

2:30 p.m. - 4:00 p.m.

**Leveraging the *All of Us* Researcher Workbench to Advance Precision Health**

***Co-Chairs***

Geoff Ginsburg, All of Us Research Program

**Description:** Participants will learn about the extensive data available on the *All of Us* Researcher Workbench and through a guided tour, complete an example genomic analysis.

4:00 p.m. – 5:00 p.m.

**Welcome Cocktail Hour – Exhibit Hall**

5:00 p.m. – 5:10 p.m.

**Welcome (Co-Chairs: Michael Talkowski, Eric Green, and Wendy Chung)**

**Session I:** **The Current Landscape of Genomic Medicine  
(Chairs - Eric Green, National Human Genome  
Research Institute and Michael Talkowski,  
Massachusetts General Hospital and Broad Institute)**

**5:10 p.m. – 5:40 p.m.** **Nancy Cox, Vanderbilt University**

**5:40 p.m. – 6:10 p.m.** **Jordan Smoller, Massachusetts General Hospital**

**6:10 p.m. – 6:40 p.m.** **Eimear Kenney, Mt. Sinai School of Medicine**

**6:40 p.m. – 7:00 p.m.** *Abstract Selected Talk*

**7:00 p.m. – 10:00 p.m.** **Welcome Reception**

**Thursday, September 5, 2024 (Morning)**

**7:30 a.m. – 7:30 p.m.** **Hospitality Desk**

**7:30 a.m. – 9:00 a.m.** **Breakfast**

**Session II:** **New Technologies and Novel Methods Empowering  
Precision Medicine (Chairs – Geoff Ginsburg, Columbia  
University and Stephen Kingsmore, Rady Children’s  
Institute for Genomic Medicine)**

**9:00 a.m. – 9:30 a.m.** **Kyle Fahr, Illumina Inc**

**9:30 a.m. – 10:00 a.m.** **Aaron Quinlan, University of Utah**

**10:00 a.m. – 10:30 a.m.** **Melissa Haendel, University of Colorado**

**10:30 a.m. – 10:50 a.m.** *Abstract Selected Talk*

**10:50 a.m. – 11:15 a.m.** **Coffee Break/Exhibit Hall**

**Session III:** **The Great Debate – Prenatal vs. Newborn Screening:  
Are We Ready?**

**11:15 a.m. – 12:15 p.m.** **Moderators: Wendy Chung and Heidi Rehm**

**Panelists: TBD**

### Thursday, September 5, 2024 (Afternoon)

- 12:15 p.m. – 2:00 p.m.     **AGBT Lunch**
- 12:30 p.m. – 2:00 p.m.     ***CU Anschutz Workshop***
- 2:15 p.m. – 2:50 p.m.     **Sponsor Workshops (Howard McLeod, Intermountain Healthcare, Chair)**  
Indigo Ballroom CDGH
- 2:15 p.m. – 2:35 p.m.     **Diamond Sponsor –**
- 2:35 p.m. – 2:50 p.m.     **Emerald Sponsor –**
- Session IV:**                     **Transformative Advances in Developmental Disorders (Chairs – Heidi Rehm, Massachusetts General Hospital and Penelope Bonnen, Baylor College of Medicine)**
- 2:50 p.m. – 3:20 p.m.     **Elise Robinson, Massachusetts General Hospital and Broad Institute**
- 3:20 p.m. – 3:50 p.m.     **Jennifer Posey, Baylor College of Medicine**
- 3:50 p.m. – 4:20 p.m.     **Joris Vermeetsch, KU Leuvin**
- 4:20 p.m. – 4:40 p.m.     ***Abstract Selected Talk***
- 4:40 p.m. – 6:40 p.m.     **Poster Session & Exhibit Hall, Wine and Cheese Reception**
- 6:45 p.m. – 9:00 p.m.     **AGBT Dinner**

### Friday, September 6, 2024 (Morning)

- 7:30 a.m. – 5:00 p.m.     **Hospitality Desk**
- 7:30 a.m. – 9:00 a.m.     **Breakfast**
- Session V:**                     **Population-Scale and Common Disease Genomics (Chairs – Dame Sue Hill, NHS and Catherine Cottrell, Institute for Genomic Medicine, Nationwide Children’s Hospital)**
- 9:00 a.m. – 9:30 a.m.     **Kathleen Barnes, University of Colorado**
- 9:30 a.m. – 10:00 a.m.     **Josh Peterson, Vanderbilt University Medical Center**
- 10:00 a.m. – 10:30 a.m.     **Luisa Mestroni, University of Colorado School of Medicine**

- 10:30 a.m. – 10:50 a.m. ***Abstract Selected Talk***
- 10:50 a.m. – 11:15 a.m. **Coffee Break & Exhibit Hall**  
Indigo Ballroom AB EF
- Session VI:** **Fireside Chat – a patient’s perspective**
- 11:15 a.m. – 12:00 p.m. **TBD**
- 12:00 p.m. – 1:20 p.m. **AGBT Lunch**  
**Indigo Terrace**
- 1:20 p.m. – 2:00 p.m. **Sponsor Workshops (Catherine Cottrell, Institute for Genomic  
Medicine, Nationwide Children’s Hospital)**
- 1:20 p.m. – 1:35 p.m. **Sapphire Sponsor –**
- 1:35 p.m. – 1:47 p.m. **Ruby Sponsor –**
- 1:47 p.m. – 1:59 p.m. **Ruby Sponsor –**

**Friday, September 6, 2024 (Afternoon)**

- Session VII:** **Functional Genomics and Precision Therapeutics (Chairs Len  
Pennacchio, Lawrence Berkeley National Labs and Howard  
McCloud, Intermountain Healthcare)**
- 2:00 p.m. – 2:30 p.m. **Susan Slaughaupt, Massachusetts General Hospital, Harvard**
- 2:30 p.m. – 3:00 p.m. **TBD**
- 3:00 p.m. - 3:30 p.m. **TBD**
- 3:30 p.m. – 3:50 p.m. ***Abstract Selected Talk***
- 3:50 p.m. – 4:00 p.m. **Final Comments (AGBTph Co-Chairs)**