



**ASHG**

**ANNUAL MEETING 2023**

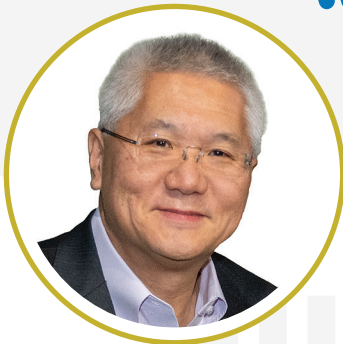
**WASHINGTON, DC • NOVEMBER 1-5**

# **MEETING PROGRAM**

**Walter E. Washington Convention Center**

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“ Welcome to the ASHG 2023 Annual Meeting in Washington, DC, for what promises to be an exciting five days of sharing science, networking, and learning! In the 75 years since the founding of ASHG, the field has advanced at a remarkable pace and this year’s Annual Meeting is a time to honor the achievements of the Society, reflect on how far the broad field has come, and to look ahead to the next 25 years of progress in human genetics with excitement. I look forward to connecting with you at a lecture, on the poster floor, or during one of our socials, and learning more about your science and what is inspiring you this year. ”

— Brendan Lee, MD, PhD  
ASHG President

## General Information

The following offices and attendee services locations are in the Walter E. Washington Convention Center:

ASHG Staff Office	Room 102B, Level 1
ASHG Central & Membership Services	Exhibit & Poster Hall, Lower Level
Childcare Room ( <i>pre-registration required</i> )	Room 158, Level 1
Coat & Luggage Check	West Salon, Level 1
Exhibit & Poster Hall	Hall AB, Lower Level
Family Room	Room 159, Level 1
First Aid	Hall A, Lower Level
General Information	West Salon, Level 1
Housing Assistance	West Salon, Level 1
Lactation Room	Room 160, Level 1
Lost & Found	Room 102B, Level 1
Press Office & Registration	Room 156, Level 1
Quiet/Prayer/Meditation Room	Room 157, Level 1
Registration & Badge Pick-Up	West Salon, Level 1
Speaker Presentation Upload Room	Room 203, Level 2



**View ASHG Policies for attendees, including Code of Conduct:**  
<https://www.ashg.org/meetings/2023meeting/annual-meeting-policies/>



### Wi-Fi Availability

Complimentary Wi-Fi is available in all public lobbies and meeting spaces.

**Network:** ASHG 2023 Free WiFi

**Password:** ASHG2023

If you have an unlimited data plan, we encourage you to use your own data plan for better connectivity.

## Schedule at a Glance

	Wednesday (November 1)	Thursday (November 2)
Morning		<p>8:30-10:00 am <b>Platform Abstract Sessions</b></p>
Early Afternoon	<p>11:00 am-1:00 pm <b>Invited Interactive Workshops</b> (ticket required)</p>	<p>10:00-10:45 am <b>Coffee Break and Industry-led CoLabs</b></p>
		<p>10:45 am-12:15 pm <b>Platform Abstract Sessions</b></p>
Mid-Afternoon	<p>2:00-4:00 pm <b>Invited Interactive Workshops</b> (ticket required)</p>	<p>12:15-1:45 pm <b>Lunch &amp; Networking Break</b> <b>Industry-led CoLabs</b> <b>and Education Events</b></p>
		<p>1:45-2:45 pm <b>Platform Abstract Sessions</b></p>
		<p>3:00-5:00 pm <b>Poster Session I</b> <b>and</b> <b>Industry-led Education Events</b></p>
Evening	<p>4:30-5:00 pm <b>Presidential Welcome and Address</b></p>	<p>5:00-5:30 pm <b>Awards Recognition II</b></p>
	<p>5:00-5:30 pm <b>Awards Recognition I</b></p>	<p>5:30-7:10 pm <b>Featured Plenary Abstract Session II</b></p>
	<p>5:30-7:10 pm <b>Featured Plenary Abstract Session I</b></p>	<p>5:30-7:10 pm <b>Featured Plenary Abstract Session II</b></p>
	<p>7:30 pm <b>Reception: Trainee Reception</b> (ticket required)</p>	<p>7:30 pm <b>Reception: ASHG Diversity, Equity &amp; Inclusion</b> (ticket required)</p>

**Friday**  
(November 3)

8:30-10:00 am  
**Concurrent Invited Sessions**

10:00-10:45 am  
**Coffee Break and Industry-led CoLabs**

10:45 am-12:15 pm  
**Platform Abstract Sessions**

12:15-1:45 pm  
**Lunch & Networking Break  
Industry-led CoLabs  
and Education Events**

1:45-2:45 pm  
**Platform Abstract Sessions**

3:00-5:00 pm  
**Poster Session II  
and  
Industry-led Education Events**

5:00-5:30 pm  
**Awards Recognition III**

5:30-7:00 pm  
**Presidential Symposium:  
Delivering on the Promise and Future  
of Genetic and Genomic Medicine,  
Not a Sisyphean Task**

**Evening: Networking Events**

**Saturday**  
(November 4)

8:30-10:00 am  
**Concurrent Invited Sessions**

10:00-10:30 am  
**Coffee Break**

10:30 am-12:00 pm  
**Platform Abstract Sessions**

12:00-1:00 pm  
**Lunch & Networking Break  
Industry-led CoLabs  
and Education Events**

1:00-2:00 pm  
**Platform Abstract Sessions**

2:15-4:15 pm  
**Poster Session III  
and  
Industry-led Education Events**

4:30-5:00 pm  
**Awards Recognition IV**

5:00-6:40 pm  
**Featured Plenary Abstract Session III**

7:00 pm  
**Celebration of Human Genetics**  
Reception at the Ronald Reagan Building  
and International Trade Center Atrium  
(ticket required)

**Sunday**  
(November 5)

8:30-9:30 am  
**Platform Abstract Sessions**

10:00-11:00 am  
**Platform Abstract Sessions**

11:30 am-1:00 pm  
**Distinguished Speaker  
Symposium:  
The Future of Human Genetics and Genomics**

## SESSIONS: Wednesday, November 1

11:00 AM – 1:00 PM

### WORKSHOP

**Session 001: Genomic Analysis in the All of Us Researcher Workbench**  
*Conv Ctr/Room 152AB/Level 1 (ticket required)*

### WORKSHOP

**Session 002: Teaching Variant Curation through Team-based, Active Learning Approaches**  
*Conv Ctr/Room 151AB/Level 1 (ticket required)*

2:00 – 4:00 PM

### WORKSHOP

**Session 003: The Michigan Imputation Server: Data Preparation, Genotype Imputation, and Data Analysis**  
*Conv Ctr/Room 152AB/Level 1 (ticket required)*

### WORKSHOP

**Session 004: Using UK Biobank to Scale up your Research**  
*Conv Ctr/Room 151AB/Level 1 (ticket required)*

4:30 – 5:00 PM

### PLENARY

**Session 005: ASHG Welcome & Presidential Address**  
*Conv Ctr/Ballroom ABC/Level 3*

5:00 – 5:30 PM

### AWARDS

**Session 006: Awards Recognition I**  
*Conv Ctr/Ballroom ABC/Level 3*

5:30 – 7:10 PM

### PLENARY

**Session 007: Featured Plenary Abstract Session I**  
*Conv Ctr/Ballroom ABC/Level 3*

7:30 – 9:30 PM

### ASHG RECEPTION

**Trainee Reception**  
*Marriott Marquis Hotel/M2/Salon 3 (ticket required)*

## SESSIONS: Thursday, November 2

7:45 – 8:30 AM

### NETWORKING

Shared Interest Group Meetup: Phenotypes & Genotypes  
*Conv Ctr/Room 204ABC/Level 2*

8:30 – 10:00 AM

### PLATFORM

Session 008: Advancing diagnoses for rare genetic diseases  
*Conv Ctr/Ballroom A/Level 3*

### PLATFORM

Session 009: Genomics in the neonatal intensive care unit  
*Conv Ctr/Room 145A/Level 1*

### PLATFORM

Session 010: Multi-ancestry methods: This is the way  
*Conv Ctr/Ballroom C/Level 3*

### PLATFORM

Session 011: New advances in genome interpretation and functional studies  
*Conv Ctr/Room 207A/Level 2*

### PLATFORM

Session 012: Novel genetic variations associated with cancer risk and outcomes  
*Conv Ctr/Room 146B/Level 1*

### PLATFORM

Session 013: Pharmacogenomics in the era of next-generation sequencing  
*Conv Ctr/Room 147A/Level 1*

### PLATFORM

Session 014: Structural variation and the human genome  
*Conv Ctr/Ballroom B/Level 3*

### PLATFORM

Session 015: The health equity puzzle: Piecing together disparities for a fairer future  
*Conv Ctr/Room 202A/Level 2*

10:00 – 10:45 AM

### COFFEE BREAK

Visit Industry Partners and Posters  
*Conv Ctr/Exhibit & Poster Hall AB*

10:10 – 10:40 AM

### INDUSTRY SOLUTIONS

CoLab Sessions Presented by Industry Experts  
*Conv Ctr/Exhibit & Poster Hall AB*

## SESSIONS: Thursday, November 2

10:45 AM – 12:15 PM

### PLATFORM

**Session 016: Advancing understanding of mechanisms in Alzheimer's Disease**  
*Conv Ctr/Room 207A/Level 2*

### PLATFORM

**Session 017: Causal noncoding variants and the genes they impact**  
*Conv Ctr/Ballroom B/Level 3*

### PLATFORM

**Session 018: Chromatin connection to health and disease**  
*Conv Ctr/Room 202A/Level 2*

### PLATFORM

**Session 019: Genetic basis of cardiovascular development and disease**  
*Conv Ctr/Room 145A/Level 1*

### PLATFORM

**Session 020: Genetic tango: Dance between gene-gene and gene-environment interactions**  
*Conv Ctr/Room 146B/Level 1*

### PLATFORM

**Session 021: Human genome evolving I**  
*Conv Ctr/Room 147A/Level 1*

### PLATFORM

**Session 022: New treatments for some rare classics**  
*Conv Ctr/Ballroom C/Level 3*

### PLATFORM

**Session 023: Systematic analysis of variant functions**  
*Conv Ctr/Ballroom A/Level 3*

12:15 – 1:45 PM

### MEETING EVENTS

**Diversity, Equity, and Inclusion Luncheon**  
*Conv Ctr/Room 151AB/Level 1 (ticket required)*

### LUNCH & NETWORKING BREAK

**Visit Industry Partners and Posters**  
*Conv Ctr/Exhibit & Poster Hall AB*

12:20 – 1:35 PM

### INDUSTRY SOLUTIONS

**CoLab and Industry Education Sessions presented by Industry Experts**  
*Conv Ctr/Exhibit & Poster Hall AB • Conv Ctr/100s Hall, Level 1*



1:45 – 2:45 PM

**PLATFORM**

**Session 024: All about mom: Genetics and genomics of maternal outcomes**

*Conv Ctr/Room 146B/Level 1*

**PLATFORM**

**Session 025: ARG! Ancestry-led reanalysis of genomes**

*Conv Ctr/Room 147A/Level 1*

**PLATFORM**

**Session 026: CNVs in large-scale studies**

*Conv Ctr/Room 202A/Level 2*

**PLATFORM**

**Session 027: Enemy within: Genetics of human autoimmune disorders**

*Conv Ctr/Ballroom B/Level 3*

**PLATFORM**

**Session 028: Insights from systematic perturbation of the genome**

*Conv Ctr/Ballroom A/Level 3*

**PLATFORM**

**Session 029: Life in the fast lane: Epigenetic aging and age acceleration in disease**

*Conv Ctr/Room 207A/Level 2*

**PLATFORM**

**Session 030: New genetic insights into long-standing congenital phenotypes**

*Conv Ctr/Room 145A/Level 1*

**PLATFORM**

**Session 031: Somatic mutation in health and disease**

*Conv Ctr/Ballroom C/Level 3*

3:00 – 5:00 PM

**POSTERS**

**Poster Session I**

*Conv Ctr/Exhibit & Poster Hall AB*

**INDUSTRY SOLUTIONS**

**CoLab and Industry Education Sessions presented by Industry Experts**

*Conv Ctr/Exhibit & Poster Hall AB • Conv Ctr/100s Hall, Level 1*

5:00 – 5:30 PM

**AWARDS**

**Session 046: Awards Recognition II**

*Conv Ctr/Ballroom ABC/Level 3*

5:30 – 7:10 PM

**PLENARY**

**Session 047: Featured Plenary Abstract Session II**

*Conv Ctr/Ballroom ABC/Level 3*

## SESSIONS: Thursday, November 2

7:30 – 9:30 PM

**ASHG RECEPTION** Diversity, Equity, and Inclusion Reception  
*Marriott Marquis Hotel/M2/Salon 4 (ticket required)*

## SESSIONS: Friday, November 3

7:45 – 8:30 AM

**NETWORKING** Shared Interest Group Meetup: Bioinformatics & Computational Approaches  
*Conv Ctr/Room 204ABC/Level 2*

8:30 – 10:00 AM

**INVITED** Session 048: Can we promise precision medicine to all?  
*Conv Ctr/Room 146B/Level 1*

**INVITED** Session 049: Does size matter? Changing the rules of human genetics with miniproteins  
*Conv Ctr/Room 145A/Level 1*

**INVITED** Session 050: Finding NEMO: Novel Enhanced Model Organism/Organs-on-chips platforms for translational genomics research  
*Conv Ctr/Room 147A/Level 1*

**INVITED** Session 051: Genetic diagnosis of severe fetal and newborn conditions: Opportunities and challenges  
*Conv Ctr/Room 201/Level 2*

**INVITED** Session 052: RNA and nuclear structure: Perspective from the 4D nucleome program  
*Conv Ctr/Ballroom B/Level 3*

**INVITED** Session 053: The ENCODE consortium: 2003 – 2023  
*Conv Ctr/Ballroom C/Level 3*

**INVITED** Session 054: The nature of nurture: The importance of modeling indirect genetic effects in large-scale genetic studies  
*Conv Ctr/Room 207A/Level 2*

8:30 – 10:00 AM

**INVITED**

**Session 055: Understanding human genetic variation through the lens of germ cell biology**

*Conv Ctr/Room 202A/Level 2*

**INVITED**

**Session 056: Use of race, ethnicity, and ancestry as population descriptors in genetics and genomics research**

*Conv Ctr/Ballroom A/Level 3*

10:00 – 10:45 AM

**COFFEE BREAK**

**Visit Industry Partners and Posters**

*Conv Ctr/Exhibit & Poster Hall AB*

10:10 – 10:40 AM

**INDUSTRY SOLUTIONS**

**CoLab Sessions Presented by Industry Experts**

*Conv Ctr/Exhibit & Poster Hall AB*

10:45 AM – 12:15 PM

**PLATFORM**

**Session 057: Comparative omics to explore tumor landscapes**

*Conv Ctr/Ballroom B/Level 3*

**PLATFORM**

**Session 058: Mixtape of statistical genetics greatest hits**

*Conv Ctr/Ballroom A/Level 3*

**PLATFORM**

**Session 059: New mechanistic insights via diverse knockout models**

*Conv Ctr/Room 145A/Level 1*

**PLATFORM**

**Session 060: Precision prescription: The therapeutic potential of ASOs and small molecules for genetic disorders**

*Conv Ctr/Room 202A/Level 2*

**PLATFORM**

**Session 061: Scaling screening: A plethora of perspectives**

*Conv Ctr/Room 147A/Level 1*

**PLATFORM**

**Session 062: Single-cell analyses across various tissues**

*Conv Ctr/Room 207A/Level 2*

**PLATFORM**

**Session 063: Spatial omics: Resources and applications**

*Conv Ctr/Ballroom C/Level 3*

**PLATFORM**

**Session 064: Walking the dogma: Proteomics to inform genomic studies**

*Conv Ctr/Room 146B/Level 1*

## SESSIONS: Friday, November 3

12:15 – 1:45 PM

**MEETING EVENTS** The Confidence Factor: Thriving in Your Career  
*Conv Ctr/Room 151AB/Level 1 (ticket required)*

**MEETING EVENTS** Race, Ancestry, Both, or Neither?: Introducing Frameworks for Population Descriptors in Genomics Research  
*Conv Ctr/Room 152AB/Level 1 (ticket required)*

**LUNCH & NETWORKING BREAK**

Visit Industry Partners and Posters  
*Conv Ctr/Exhibit & Poster Hall AB*

12:20 – 1:35 PM

**INDUSTRY SOLUTIONS** CoLab and Industry Education Sessions presented by Industry Experts  
*Conv Ctr/Exhibit & Poster Hall AB • Conv Ctr/100s Hall, Level 1*

1:45 – 2:45 PM

**PLATFORM** Session 065: Dysfunction of the power house: Mitochondrial disorders  
*Conv Ctr/Room 147A/Level 1*

**PLATFORM** Session 066: Gene discovery from large-scale studies  
*Conv Ctr/Ballroom C/Level 3*

**PLATFORM** Session 067: Genetic analysis of neurological disorders  
*Conv Ctr/Room 207A/Level 2*

**PLATFORM** Session 068: More data, same problems: Bias in large-scale studies  
*Conv Ctr/Ballroom A/Level 3*

**PLATFORM** Session 069: Not fair and balanced: Learning about regulation from allelic bias  
*Conv Ctr/Room 146B/Level 1*

**PLATFORM** Session 070: Sequencing, proceed with caution  
*Conv Ctr/Room 202A/Level 2*

**PLATFORM** Session 071: The mind's code: Unraveling neuropsychiatric disorders through genetics  
*Conv Ctr/Ballroom B/Level 3*

**PLATFORM** Session 072: Unraveling the genetic determinants of female infertility  
*Conv Ctr/Room 145A/Level 1*

3:00 – 4:15 PM

**MEETING EVENTS** Advancing Global Data Sharing and Complex Considerations  
*Conv Ctr/Room 152AB/Level 1*

3:00 – 5:00 PM

**POSTERS** Poster Session II  
*Conv Ctr/Exhibit & Poster Hall AB*

**INDUSTRY SOLUTIONS**

CoLab and Industry Education Sessions presented by Industry Experts  
*Conv Ctr/Exhibit & Poster Hall AB • Conv Ctr/100s Hall, Level 1*

5:00 – 5:30 PM

**AWARDS** Session 087: Awards Recognition III  
*Conv Ctr/Ballroom ABC/Level 3*

5:30 – 7:00 PM

**PLENARY** Session 088: Presidential Symposium: Delivering on the Promise and Future of Genetic and Genomic Medicine, Not a Sisyphean Task  
*Conv Ctr/Ballroom ABC/Level 3*

## SESSIONS: Saturday, November 4

7:45 – 8:30 AM

**NETWORKING** Shared Interest Group Meetup: Emerging Laboratory Technologies  
*Conv Ctr/Room 204ABC/Level 2*

8:30 – 10:00 AM

**INVITED** Session 089: AI and machine learning in Alzheimer's disease genetics and genomics  
*Conv Ctr/Room 207A/Level 2*

**INVITED**

Session 090: Deploying hundreds of mammalian genomes to understand human disease  
*Conv Ctr/Ballroom A/Level 3*

**INVITED**

Session 091: Equitable access to genomics research: Australian Aboriginal leadership, expertise, and experience  
*Conv Ctr/Ballroom B/Level 3*

## SESSIONS: Saturday, November 4

8:30 – 10:00 AM

**INVITED**

**Session 092: Harnessing return of value: Progress in returning genomic results to individuals in diverse, large-scale programs**  
*Conv Ctr/Ballroom C/Level 3*

**INVITED**

**Session 093: Male infertility – Mendelian traits with lifetime implications**  
*Conv Ctr/Room 145A/Level 1*

**INVITED**

**Session 094: Multiplexed assays of variant effect (MAVE): Generating, evaluating, and exploiting for improved clinical genetic diagnosis**  
*Conv Ctr/Room 202A/Level 2*

**INVITED**

**Session 095: Wrestling with social and behavioral genomics: Risks, potential benefits, and ethical responsibility**  
*Conv Ctr/Room 146B/Level 1*

10:00 – 10:30 AM

**COFFEE BREAK**

**Visit Industry Partners and Posters**  
*Conv Ctr/Exhibit & Poster Hall AB*

10:30 AM – 12:00 PM

**PLATFORM**

**Session 096: Advancements in genome sequencing: Unraveling genetic factors in human health, disease, and phenotypic diversity**  
*Conv Ctr/Room 202A/Level 2*

**PLATFORM**

**Session 097: Cell-type and context-dependent regulation of gene expression**  
*Conv Ctr/Ballroom C/Level 3*

**PLATFORM**

**Session 098: Emerging tools for the genetic diagnostic toolbox**  
*Conv Ctr/Room 207A/Level 2*

**PLATFORM**

**Session 099: Epigenomics in neurodevelopmental disorders**  
*Conv Ctr/Room 146B/Level 1*

**PLATFORM**

**Session 100: Go beyond GWAS in type 2 diabetes, obesity and related metabolic disorders**  
*Conv Ctr/Room 147A/Level 1*

10:30 AM – 12:00 PM

**PLATFORM** Session 101: Going beyond DNA sequencing to identify disease causes  
*Conv Ctr/Ballroom A/Level 3*

**PLATFORM** Session 102: Novel tools and data resources for genetic data analysis  
*Conv Ctr/Ballroom B/Level 3*

**PLATFORM** Session 103: Understanding kidney traits through genetics  
*Conv Ctr/Room 145A/Level 1*

12:00 – 1:00 PM

**MEETING EVENTS** Behind-the-Scenes: Publications Workshop  
*Conv Ctr/Room 151AB/Level 1 (ticket required)*

**LUNCH & NETWORKING BREAK** Visit Industry Partners and Posters  
*Conv Ctr/Exhibit & Poster Hall AB*

**INDUSTRY SOLUTIONS** CoLab and Industry Education Sessions presented by Industry Experts  
*Conv Ctr/Exhibit & Poster Hall AB • Conv Ctr/100s Hall, Level 1*

1:00 – 2:00 PM

**PLATFORM** Session 104: Addressing barriers to accessible genetic research and services  
*Conv Ctr/Room 202A/Level 2*

**PLATFORM** Session 105: Epilepsy - new germline and somatic insights  
*Conv Ctr/Room 145A/Level 1*

**PLATFORM** Session 106: Human genome evolving II  
*Conv Ctr/Room 146B/Level 1*

**PLATFORM** Session 107: Integrating functional annotation data in genetic association studies  
*Conv Ctr/Ballroom C/Level 3*

**PLATFORM** Session 108: Modifiers in neurological disease  
*Conv Ctr/Ballroom B/Level 3*

**PLATFORM** Session 109: New insights in inborn errors of metabolism  
*Conv Ctr/Room 147A/Level 1*

## SESSIONS: Saturday, November 4

1:00 – 2:00 PM

### PLATFORM

**Session 110: Omics, omics everywhere**  
*Conv Ctr/Ballroom A/Level 3*

### PLATFORM

**Session 111: Polygenic scores: Mediators, modifiers, and meanings**  
*Conv Ctr/Room 207A/Level 2*

2:15 – 3:30 PM

### INDUSTRY SOLUTIONS

**CoLab Sessions Presented by Industry Experts**  
*Conv Ctr/Exhibit & Poster Hall AB*

2:15 – 4:15 PM

### POSTERS

**Poster Session III**  
*Conv Ctr/Exhibit & Poster Hall AB*

4:30 – 5:00 PM

### AWARDS

**Session 126: Awards Recognition IV**  
*Conv Ctr/Ballroom ABC/Level 3*

5:00 – 6:40 PM

### PLENARY

**Session 127: Featured Plenary Abstract Session III**  
*Conv Ctr/Ballroom ABC/Level 3*

7:00 – 10:00 PM

### ASHG RECEPTION

**ASHG's 75th Anniversary Gala Celebration**  
*Ronald Reagan Building and International Trade Center Atrium*  
*(ticket required)*

## SESSIONS: Sunday, November 5

8:30 – 9:30 AM

### PLATFORM

**Session 128: Advances in applied ancestry and admixture**  
*Conv Ctr/Room 147A/Level 1*

### PLATFORM

**Session 129: Deep thoughts on brain genomics**  
*Conv Ctr/Room 207A/Level 2*



8:30 – 9:30 AM

**PLATFORM**

**Session 130: Ode to tandem repeats in common disorders**  
*Conv Ctr/Room 202A/Level 2*

**PLATFORM**

**Session 131: RNA in action: Form and function**  
*Conv Ctr/Room 145A/Level 1*

**PLATFORM**

**Session 132: Using proteomics to elucidate mechanisms underlying cardiometabolic traits and T2D**  
*Conv Ctr/Room 146B/Level 1*

10:00 – 11:00 AM

**PLATFORM**

**Session 133: AI meets human genetics**  
*Conv Ctr/Room 146B/Level 1*

**PLATFORM**

**Session 134: Dollars and DNA: Financial considerations of genetic testing**  
*Conv Ctr/Room 147A/Level 1*

**PLATFORM**

**Session 135: Genetic diagnosis of neurodevelopmental disorders beyond the exome**  
*Conv Ctr/Room 207A/Level 2*

**PLATFORM**

**Session 136: Manipulating metabolism: Therapeutics strategies for inborn errors of metabolism**  
*Conv Ctr/Room 145A/Level 1*

**PLATFORM**

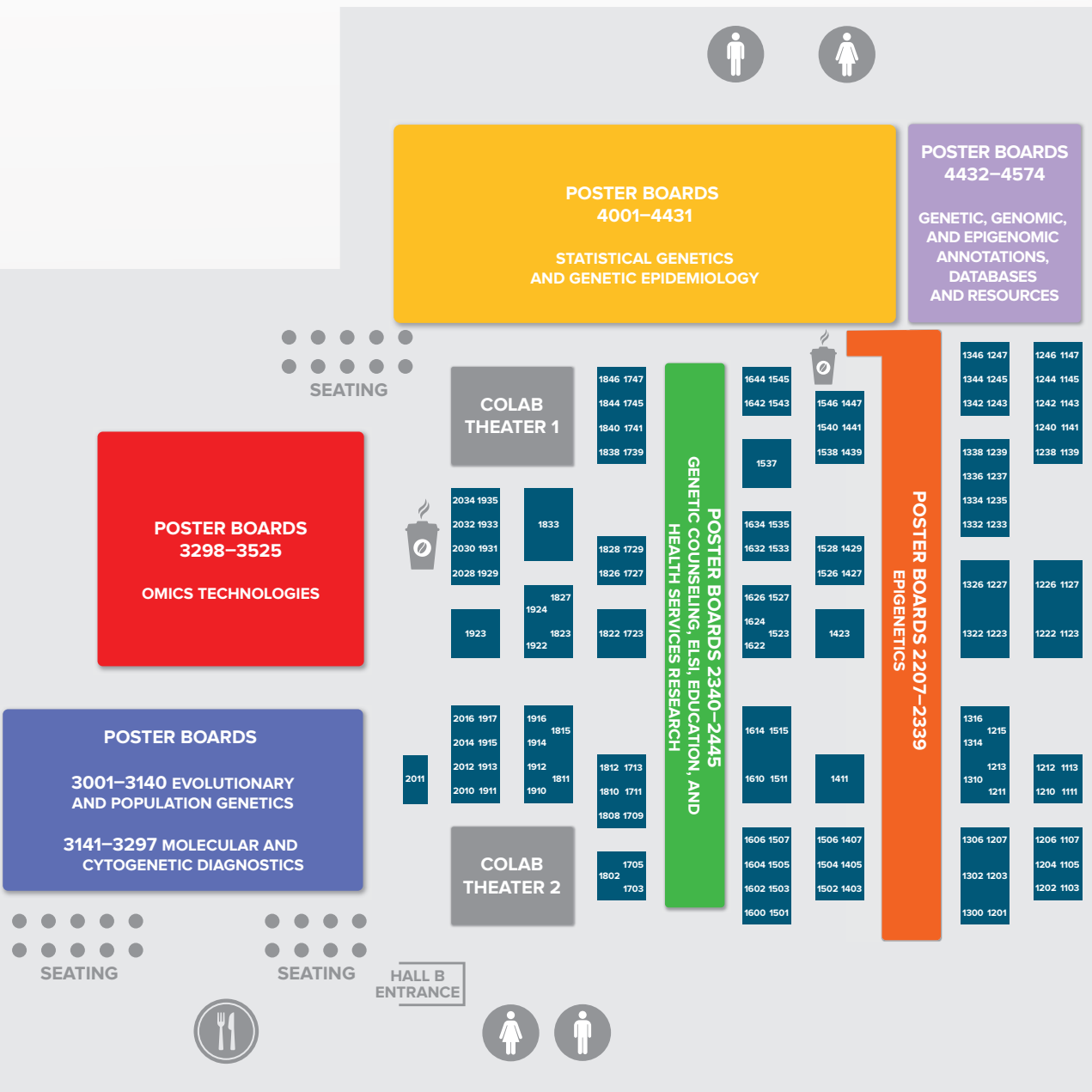
**Session 137: Rare germline variants and cancer susceptibility**  
*Conv Ctr/Room 202A/Level 2*

11:30 AM – 1:00 PM

**PLENARY**

**Session 138: Distinguished Speaker Symposium: The Future of Human Genetics and Genomics**  
*Conv Ctr/Ballroom B/Level 3*

# Exhibit & Poster Hall Map





**POSTER BOARDS**  
4575-4950

MENDELIAN PHENOTYPES

**POSTER BOARDS**  
4951-5190

CANCER

**POSTER BOARDS**  
1301-1885

COMPLEX TRAITS  
AND POLYGENIC DISORDERS

**POSTER BOARDS 2126-2206**  
PHARMACOGENOMICS

1042 943  
1040 941  
1036 937  
1034 935  
1032 933  
1028 927  
1026 926  
1024 923  
1022 922

841 839  
928 829  
823

**POSTER BOARDS 2001-2050 • 2051-2125**  
GENETIC THERAPIES • PRENATAL, PERINATAL, AND DEVELOPMENTAL GENETICS

744 645  
742 643  
738 639  
736 637  
734 635  
732 633  
640 541  
638 539  
628 527  
626 526  
624 523  
622 522



**ASHG CENTRAL**

538 439  
536 437  
534 435  
532 433  
488 339  
456 337  
434 335  
432 333  
328 229  
326 227  
228 129  
226 127  
225  
224 125  
322  
223  
222 123

**POSTER BOARDS**  
1001-1300

MOLECULAR EFFECTS  
OF GENETIC VARIATION

**COLAB THEATER 3**

917  
1014 915  
1012 913  
1010 911  
910 811  
906 807  
902 803

714 615  
612 511  
610 510  
608 509  
607  
602 503  
702 603  
700 601

415  
510 411  
506 407  
408 309  
401  
301

312 213  
203  
214 115  
210 111  
109  
206 107  
103  
200 101

HALL A  
ENTRANCE





# LEARN MORE AT ASHG 2023

Join our demos of Long Read NGS sample analysis

Thursday Nov 2nd..... 10:30am  
Friday Nov 3rd..... 10:30am  
Saturday Nov 4th ..... 12:45pm

**BOOTH  
933**

**LONG  
READ  
ANALYSIS**

## CoLab Session

Characterizing the genetic and molecular mechanisms underlying congenital pulmonary airway malformation (CPAM) development in children.



**Nigel Michki**, *Computational Biologist*,  
Children's Hospital of Philadelphia

**Thursday Nov 2nd..... 1:05-1:35pm**  
**CoLab Theater 1**

## VarSome Masterclass



Get hands-on across the VarSome platforms and have all of your questions answered by our Senior Application Scientist, **Alex Joyner**

**Thursday Nov 2nd.....10:15am**  
**Friday Nov 3rd .....10:15am**  
**Saturday Nov 4th ..... 12:30pm**  
**Booth 933**

Send us your question  
ahead of time!



Visit us at **Booth 933** to learn more  
and see VarSome in action

Your complete NGS data analysis solution

Built with Swiss precision by  
 SAPHETOR