

ACMG 2021 Schedule-at-a-Glance

Thursday, April 8

3:00 pm – 5:00 pm

Scientific Plenary Session

- Laboratory Diagnostic Challenges (Constitutional and Neoplastic Cases in Molecular, Cytogenomic, and Biochemical Genetics Specialties)

Tuesday, April 13

12:00 pm – 5:00 pm

Short Courses

- A Clinician's Perspective on Obesity: Syndromic and Non-Syndromic Causes, Treatment and Challenges
- Integration of Functional Genomics to Improve Variant Interpretation and Diagnosis

Student/Trainee Program

2:00 pm – 3:00 pm

Trainee/Mentor Session, link to join is in the session description in the online schedule

3:30 pm – 5:00 pm

Workshop: Careers in Medical Genetics: An Informational Session for Students and Trainees

5:30 pm – 7:00 pm

Early Career Job Hunt and Transition Success - What We Wish We had Known

7:00 pm – 8:00 pm

Networking Hour, link to join is in the session description of the online schedule

5:30 pm – 7:00 pm

Workshop

- Genomic Informatics on Clinical Service and Approaches to Evaluate the Unknown/Uncertain

Wednesday, April 14

8:00 am – 9:30 am

Satellite Symposia

- Cases and Conversations: Exploring the Implications of Variants of Unknown Significance (VUS) in Fabry Disease
(This activity is sponsored by Physician's Education Resource and supported by an educational grant from Amicus Therapeutics)
- Cases and Conversations: Optimizing Patient-Centric Care for Chronic Acid Sphingomyelinase Deficiency: From Early Diagnosis to Emerging
(This activity is sponsored by Physician's Education Resource and supported by an educational grant from Sanofi Genzyme)
- Long-Chain Fatty Acid Oxidation Disorders: Emerging Developments
(This activity is sponsored by Excel Continuing Education and supported by an educational grant from Ultragenyx Pharmaceuticals)

10:00 am – 11:30 am

Scientific Plenary Session

- ACMG Presidential Plenary Session: Keeping Vulnerable People Safe During the COVID-19 Pandemic

11:30 am – 1:00 pm

Break

Visit the Industry Solution Center, watch a Product Theater, view Posters

12:00 pm – 1:00 pm

Industry Platform Presentations 1 (no credits available)

Abstract numbers: OP047, OP479, OP341, OP091

1:00 pm – 2:30 pm

Scientific Concurrent Sessions

- Adult and Cancer Diagnostic Challenges
- Chromatinopathies: An Expanding Clinical Spectrum

- Heritable Human Genome Editing in Clinical Practice: Scientific, Social, Ethical, and Legal Perspectives
- The Heart of the Matter - Congenital Cardiac Disease and Pregnancy

2:30 pm – 3:30 pm

Break

Visit the Industry Solution Center, watch a Product Theater, view Posters

3:30 pm – 5:00 pm

Scientific Concurrent Sessions

- Excellence in Medical Genetics and Genomics Through Diversity
- Gene-Based Medicines to Treat Metabolic Disorders: Progress and Perspectives
- Hot Topics: Pushing the Boundaries of Genome Sequencing
- Telegenetics: Before, During and After COVID-19

5:00 pm – 5:30 pm

Break

Visit the Industry Solution Center, watch a Product Theater, view Posters

5:30 pm – 7:00 pm

Platform Presentations

- Platform Presentations - Genetic Counseling
Abstract numbers: OP312, OP314, OP313, OP509, OP315, OP098
- Platform Presentations – Cancer Genetics and Therapeutics
Abstract numbers: OP054, OP046, OP051, OP053, OP049, OP048
- Platform Presentations – Clinical Genetics and Therapeutics
Abstract numbers: OP092, OP089, OP094, OP087, OP050, OP097
- Platform Presentations – Legal and Ethical Issues; Education
Abstract numbers: OP454, OP457, OP456, OP458, OP453, OP455

Evening Events

7:00 pm – 8:00 pm

- Entertainment from Los Angeles: choose from a magic show, a wine class or a Foley artist showing how he makes sounds for the movies
- Diversity Happy Hour

8:00 pm – 9:00 pm

- Trainee/Mentor Session, link to join is in the session description in the online schedule

Thursday, April 15

8:00 am – 9:30 am

Satellite Symposia

- Metabolic Mysteries: Puzzling Patient Cases with Metabolic Implications
(This activity is sponsored by EXCEL Continuing Education and supported by an educational grant from Recordati Rare Diseases)
- The Future of Pediatric Rare Disease Diagnosis is NOW: Update on Genomic Sequencing in Acutely Ill Infants and Pediatric Outpatients
(This activity is sponsored by EXCEL Continuing Education and supported by an educational grant from Illumina)
- Cases and Conversations: The Importance of Newborn Screening for MPS1 - How Can We Optimize Patient Outcomes from The Beginning?
(This activity is sponsored by Physician's Education Resource and supported by a grant from Sanofi Genzyme)

10:00 am – 11:00 am

Featured Platform Presentations

Abstract numbers: OP506, OP335, OP090, OP052

11:00 am – 12:00 pm

TED - Style Talks

- Social Regulation of Human Gene Expression: Steve Cole, PhD

- 46 Chromosomes and a Mule: Janina Jeff, PhD

12:00 pm – 1:00 pm

Genetic Counselor Forum

In Utero Fetal Molecular Therapies: Present State and Future Applications

12:00 pm – 1:00 pm

Break

Visit the Industry Solution Center, watch a Product Theater, view Posters

1:00 pm – 2:30 pm

Scientific Concurrent Sessions

- Implementation of Whole Genome Sequencing as an Example of How to Bridge the Divide Between Research and Clinical Practice
- Pediatric Tumor Predisposition Syndromes: Update on Clinical Phenotypes, Associated Tumors, and Clinical Approaches to Surveillance
- Prenatal Diagnostic Challenges
- RNA and Gene Therapy in the Clinic – From Discovery to Treatment Implementation

2:30 pm – 3:30 pm

Break

Visit the Industry Solution Center, watch a Product Theater, view Posters

3:30 pm – 5:00 pm

Scientific Concurrent Sessions

- A Primer on Regulatory and Compliance Agencies in Genetic Testing
- Bringing the New Era of Mitochondrial Genomic Medicine to Geneticists

- Sex Chromosome Trisomies - To Screen or Not to Screen? - That is the Question
- Unexpected Findings Across the Lifespan: Challenges of Reporting Incidental and Secondary Findings in Young Patients

5:00 pm – 5:30 pm

Break

Visit the Industry Solution Center, watch a Product Theater, view Posters

5:30 pm – 7:00 pm

Platform Presentations

- Platform Presentations – Biochemical/Metabolic Genetics
Abstract numbers: OP002, OP001, OP003, OP004, OP093, OP096
- Platform Presentations – Laboratory Genetics and Genomics
Abstract numbers: OP340, OP336, OP338, OP332, OP339, OP099
- Platform Presentations – Prenatal Genetics
Abstract numbers: OP334, OP095, OP088, OP475, OP476, OP478
- Platform Presentations – Public Health, Health Services, and Implementation
Abstract numbers: OP337, OP505, OP511, OP507, OP510, OP508

Evening Events

7:00 pm – 8:00 pm

Entertainment from Nashville – join us for a performance of modern country band Brassfield

7:30 pm – 8:30 pm

ACMG Foundation Donors Recognition Reception (by invitation)

Friday, April 16

8:00 am – 9:00 am

Satellite Symposia

- Clinical Insights from SMART, the Largest Prospective NIPT Study: Innovation with SNP-based NIPT
(This activity is supported by an educational grant from Natera)
- Navigating Treatment Access Challenges in IEMs, Including UCDs: A Case-Based Discussion
(This activity is supported by an educational grant from Horizon Therapeutics)
- Bardet - Biedl Syndrome: Genetic Pathophysiology and Clinical Characteristics
(This activity is supported by an educational grant from Rhythm Pharmaceuticals, Inc.)
- Fabry Disease in the Era of COVID-19: Implications for Clinical Practice
(This activity is supported by an educational grant from Chiesi USA, Inc.)

10:00 am – 11:30 am

Scientific Concurrent Sessions

- Artificial Intelligence and Genomics – Powerful Tools in Pre- and Postnatal Decision Making
- The Ehlers-Danlos Syndromes, Circa 2021: Clinical and Molecular Updates
- What's in a Panel? A Decade of Expanded Carrier Screening in Review

11:30 am – 1:00 pm

Break

Visit the Industry Solution Center, watch a Product Theater, view Posters

12:00 pm – 1:00 pm

Industry Platform Presentations 2 (no credits available)

Abstract numbers: OP333, OP477, OP474, OP086

1:00 pm – 2:30 pm

Scientific Concurrent Sessions

- ACMG 2021 Cardinal Signs
- Clinical Pharmacogenomic Testing: Current Best Practices and Future Landscape
- Genetic Health Disparities: From Biology to Healthcare Delivery Systems
- The Intersection Between Developmental Phenotypes and Perinatal Genomic Diagnoses

2:30 pm – 3:00 pm

Break

Visit the Industry Solution Center, watch a Product Theater, view Posters

3:00 pm – 4:45 pm

Scientific Plenary Session

- R. Rodney Howell Symposium | *Genetics in Medicine* Presents: Spring 2021 COVID-19 State of the Science