ACMG
American College of Medical Genetics and Genomics
Translating Genes Into Health®

2018 ACMG Annual Clinical Genetics Meeting OnDemand

Held in Charlotte, North Carolina

Date of Release: April 16, 2018
Expiration Date: April 15, 2020 (CME, General CEU's, NSGC, P.A.C.E.®)
Estimate Time of Completion: 48.75 hours
Course must be completed by the expiration date

COURSE DESCRIPTION

The 2018 ACMG Annual Clinical Genetics Meeting presents both research and clinical topics that promote the science and the practice of clinical genetics and genomics. Sessions focus on the latest discoveries of the etiology and the pathogenesis of genetic disorders, the latest developments in genetic testing and screening, the laboratory's role in the diagnosis of genetic disorders, the treatment of genetic disorders in children and adults, the delivery of genetic services, and more.

LEARNING OBJECTIVES

At the conclusion of this course, participants should be able to:

- Describe the latest advances in the field of Cancer Genomics
- Collaborate on differential diagnoses of unknown cases
- Recognize cardinal clinical signs and symptoms of specific syndromic conditions
- Examine the potential and the challenges of prenatal genetics and newborn screening
- Formulate strategies to broaden the genetics workforce
- Summarize the indications for genomic screening and pre- and post-test counseling for secondary findings and variants of uncertain significance
- Describe advances in gene editing technology
- Review the latest treatments for neurogenetic conditions

TARGET AUDIENCE

All healthcare professionals interested in the diagnosis, management, treatment and prevention of genetic conditions and increasing their understanding of the genetic basis of common, chronic health problems affecting both children and adults will find the programming applicable to their practice. These select sessions from the ACMG Annual Meeting are targeted for the following professionals:

- Medical and clinical geneticists; genetic counselors; pediatric, obstetric, and maternal-fetal specialists; and all medical practitioners who are providing comprehensive diagnostic, management, and counseling services for patients with, or at risk for, genetically influenced health problems
- Laboratory directors and technicians who conduct genetic testing
- Researchers involved in the discovery of genetic disorders and treatments
- Medical students, undergraduate and graduate students of the biomedical sciences, and genetic counseling students.
- Healthcare and public health professionals who have an in interest in medical and clinical genetics and genomics, delivery of genetics services, or implementation of genomic medicine in the health care system.

SESSIONS	**Educational Credits (hours)**
49th Annual March of Dimes Clinical Genetics Conference - Neural Tube Defects: Closing the Gap in Knowledge	1.5
Platform Presentations - Cancer Genetics	1.25
Platform Presentations - New Frontiers in Clinical Genomics	1.5
Platform Presentations - Molecular Genomics/Exome Sequencing	1.5
Platform Presentations - Health Services and Implementation	1.5
Platform Presentations - Genetic Counseling	1.5
Platform Presentations - Biochemical/Metabolic Genetics	0.75
Platform Presentations - Prenatal Genetics	1
Creating Quality and Consistency in Variant Interpretation	2
Therapeutics for the Overgrowth Disorders of the PI3K/AKT/mTOR and Related Signaling Pathways	1.5
Topics in Perinatal Genetics Part A - Preimplantation Genetic Testing: Mosaicism and Other Technical Updates Part B - Bridging the Gap: Continuity of Care for the Complex Fetal Patient from Prenatal Clinic to the NICU	2
Maximizing the Value of Genetic Testing: From Preauthorization to Results	2
Adult and Cancer Diagnostic Challenges	1.5
Prenatal Diagnostic Challenges	1.5
ICU Consult: Rhabdomyolysis and Other Metabolic Myopathies	1.5

Educating the Next Generation of Genetic Service Providers	1.5
Laboratory Diagnostic Challenges (Constitutional and Neoplastic Cases in Molecular, Cytogenomic, and Biochemical Genetics Specialties)	1.5
Cardinal Signs of Selected Genetic Conditions	2
Navigating the Tension Between Research and Clinical Testing	1
Implementation of Medical Genomics Across the Healthcare Continuum: Lessons from Clinical Cancer Genetics	2
The Next Frontier of Sequencing Diagnostics – Single Cells, Microbial Metagenomics, and Cell-Free DNA	1.5
Traditional and Novel Approaches for Generating and Applying Evidence to Inform High-quality Clinical Genetics and Genomic Medicine Practice	1.25
Update on Advances and Dispelling Myths about Sex Chromosome Disorders (SCD)	2
Heritable Cancer: A Realm of Evolving Understanding and Clinical Implications	1.5
It's All in the Brain: Neurometabolic Disorders Not To Miss	1.5
Genomic-Based Population Screening of Adults: If? When? How? - R. Rodney Howell Symposium	2
ACMG Presidential Plenary Session - Harnessing the Power of Us All - An Interactive Plenary Featuring the Presentation of the 2018 ACMG Foundation Awards and the March of Dimes Colonel Harland Sanders Award	1.25
Featured Platform Presentations	1
Hot Topics: Genome Editing: Genetic Therapy for Genetic Diseases - Promises and Challenges	1
Closing Plenary Session: Hot Topics in Neurogenetics Across the Life Span	2
TED-Style Talks Are We Barriers or Necessary Mediators? The Power of Patient No. 1 The Hype, the Hope, and the Reality of the Future of Genomic Medicine	1
Hypermobile Ehlers-Danlos Syndrome: Update 2018 - Interactive Case Presentations	.75
Sanger Confirmation of NGS Data	1.5

The following presentations were not released for this activity:

- March of Dimes, Spina Bifida: New Insights into a Common Congenital Malformation from Exomes (Pruzansky Lecture), Platform Presentation, Phase 3 PRISM Clinical Trials: Association of Blood Phenylalanine Levels and Inattention Scores After Pegvaliase Treatment in Adults with Phenylketonuria, Hope Northrup, MD, FACMP

- Platform Presentations- Cancer Genetic: Lessons Learned Through the Genomes 4 Kids (G4K) Research Study: Expecting the Unexpected [Abstract Number: 7], Kayla Hamilton, MS, CGC
- Scientific Plenary Session: ACMG Presidential Plenary Session - Harnessing the Power of Us All - An Interactive Plenary Featuring the Presentation of the 2018 ACMG Foundation Awards and the March of Dimes Colonel Harland Sanders Award [Importance of Evidence-based Guidelines from the Insurers Perspective], Cheryl Reid, MD, FAAP, FACMG
- Scientific Concurrent Session: It's All in the Brain: Neurometabolic Disorders Not To Miss [Pyridoxine-dependent and pyridoxal phosphate-responsive epilepsies], Johan Van Hove, MD, PhD, MBA, FACMG
- Platform Presentations - Eight-Year Results from a Phase-2 Trial of Oral Eliglustat in Treatment-Naïve Adults with Moderate to Severe Gaucher Disease Type 1 [Abstract Number: 1], Heather Lau, MD
- Platform Presentations – Biochemical/Metabolic Genetics- Abstract Number: (5) Untargeted Metabolomics Provides Unbiased Approach to Diagnosis of Pentose Phosphate Pathway Associated Disorders, Leroy Hubert, PhD
- Platform Presentations - Prenatal Genetics: Clinical Impact and Cost Effectiveness of a 176 Condition Expanded Carrier Screen [Abstract Number: 43] , Kyle Beauchamp, PhD
- Platform Presentations - Prenatal Genetics: One Year of Experience Offering a New Noninvasive Prenatal Screen for Multiple Monogenic Mendelian Disorders [Abstract Number: 41] , Jinglan Zhang, PhD, FACMG, DABMG
- Scientific Concurrent Session: Therapeutics for the Overgrowth Disorders of the PI3K/AKT/mTOR and Related Signaling Pathways: Development of Effective Therapies for Neurofibromatosis Type 1- Related Peripheral Nerve Sheath Tumors, Brigitte Widemann, MD
- Scientific Concurrent Session: Navigating the Tension Between Research and Clinical Testing: The Challenges of Functional Studies in Rare Neurological Disorders: From Bench to Bedside, Genevieve Bernard, MD, MSc, FRCPc
- Scientific Concurrent Session: Navigating the Tension Between Research and Clinical Testing: Treatment of Novel Neurometabolic Disorders Discovered by an Integrated -Omics Approach: Opportunities & Risks, Clara van Karnebeek, MD, PhD, FCCMG
- Scientific Concurrent Session: The Next Frontier of Sequencing Diagnostics – Single Cells, Microbial Metagenomics, and Cell-Free DNA: Single Cell Genomics in Cancer Research and Diagnostics, Nicholas Navin, PhD
- Scientific Concurrent Session: Hypermobile Ehlers-Danlos Syndrome: Update 2018 - Interactive Case Presentations: Pain in Hypermobile Ehlers-Danlos Syndrome: Current Research Case Presentation: What Interventions Will You Recommend?, Anne-Marie Malfait, MD, PhD and Genetics of Hypermobile EDS: Where Are We Now? Case Presentation: What Will You Tell The patient?- Clair Francomano, MD, FACMG
- Scientific Concurrent Session : Traditional and Novel Approaches for Generating and Applying Evidence to Inform High-quality Clinical Genetics and Genomic Medicine Practice- Christine Lu, PhD, MSc
- Scientific Concurrent Session: Heritable Cancer: A Realm of Evolving Understanding and Clinical Implications- Michael Walsh, MD, FAAP, FACMG
- Platform Presentations : Health Services and Implementation: Abstract Number: (28) Estimating the Efficacy of Pharmacogenomics Over a Lifetime, Scott Hebbring, PhD *Audio Only
- Scientific Concurrent Session: Update on Advances and Dispelling Myths about Sex Chromosome Disorders (SCD)-Neurodevelopment and XY disorders: Multifaceted Care and Proactive Treatment, Carole Samango-Sprouse, EdD *Audio Only

- Cardinal Signs of Selected Genetic Conditions: Cardinal Signs of Bloom Syndrome- Christopher Cunniff, MD, FACMG, FAAP *Selected slides were not released for this activity.

- Creating Quality and Consistency in Variant Interpretation: Towards Uniform, Semi-automated Implementation of ACMG/AMP Sequence Variant Interpretation- Leslie Biesecker, MD, FACMG*Selected slides were not released for this activity.

- 49th Annual March of Dimes Clinical Genetics Conference - Neural Tube Defects: Closing the Gap in Knowledge: What Can We Learn from Mouse Models of NTDs? Nicholas Greene, PhD*Selected slides were not released for this activity.

- Cardinal Signs of Selected Genetic Conditions: Beckwith-Wiedemann Syndrome: Old and New Cardinal Signs- Jennifer M. Kalish, MD, PhD*Selected slides were not released for this activity.

- Therapeutics for the Overgrowth Disorders of the PI3K/AKT/mTOR and Related Signaling Pathways: Therapeutic Drug Trials for Segmental Overgrowth in Proteus Syndrome and PIK3CA-Related Overgrowth Spectrum-Kim Keppler-Noreuil, MD, FAAP, FACMG *Selected slides were not released for this activity.

- Heritable Cancer: A Realm of Evolving Understanding and Clinical Implications: Molecular Diagnostics of Hereditary Hematological Malignancies and Other Hereditary Cancer Syndromes- Zejuan Li, MD, PhD, ABMGG, FACMG *Selected slides were not released for this activity.

- Maximizing the Value of Genetic Testing: From Preauthorization to Results: From Preauthorization to Results: Promoting Appropriate Genetic Testing: The Impact of a Combined Test Review and Consultative Service- Carlos Jose Suarez, MD *Selected slides were not released for this activity.

- Platform Presentations - Molecular Genomics/Exome Sequencing: Genomic Properties and Phenotypic Consequences of Balanced Chromosomal Abnormalities: The Developmental Genome Anatomy Project (DGAP) [Abstract Number: 31] Ellen Wilch, PhD (Presenting Author) *Selected slides were not released for this activity.

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ACMG Conflict of Interest Policy

The American College of Medical Genetics and Genomics (ACMG) is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians. All educational programming is developed and must be presented in compliance with all ACCME accreditation requirements.

As a provider accredited by the Accreditation Council for Continuing Medical Education (ACCME), the American College of Medical Genetics and Genomics must insure balance, independence, objectivity, and scientific rigor in all educational activities. Planning must be free of the influence or control of a commercial entity, and promote improvements or quality in healthcare. All scientific research used to support patient care recommendations must conform to generally accepted standards of experimental design, data collection, and analysis. In accordance with the ACCME Standards for Commercial Support, everyone (speakers, moderators, oral abstract presenters, all authors, committee members, and staff) who are in a position to control the content of an educational activity certified for AMA PRA Category 1 Credit™ must disclose all relevant financial relationships with any commercial interests within the past 12 months. Individuals who do not disclose are disqualified from participating in a CME activity. Should the speaker's presentation include discussion of any off-labeled/investigational use of a commercial product, he/she is also required to disclose this to the activity participants.

Conflict of interest is created when individuals have both a financial relationship with a commercial interest and the opportunity to affect the content of CME about the products or services of that commercial interest. The potential for maintaining or increasing the value of the financial relationship with the commercial interest creates an incentive to influence the content of the CME—an incentive to insert commercial bias. This may include receiving a salary, royalty, intellectual property rights, consulting fee, honoraria, ownership interest (e.g. stocks, stock options or other ownership interest, excluding diversified mutual funds), or other financial benefit. Financial benefits are usually associated with roles such as employment, management position, independent contractor (including contracted research and clinical trials), consulting, speaking and teaching, membership on advisory committees or review panels, board membership, and other activities for which remuneration is received or expected.

A Commercial interest is any entity producing, marketing, re-selling, or distributing health care goods or services consumed by, or used on, patients. The ACCME does not consider providers of clinical service directly to patients to be commercial interests.

Relevant financial relationships as defined by the ACCME requires anyone in control of CME content to disclose relevant financial relationships to the accredited provider. Individuals must also include in their disclosure the relevant financial relationships of a spouse or partner. The ACCME defines relevant financial relationships as financial relationships in any amount that create a conflict of interest and that occurred in the twelve-month period preceding the time that the individual was asked to assume a role controlling content of the CME activity. The ACCME has not set a minimal dollar amount—any amount, regardless of how small, creates the incentive to maintain or increase the value of the relationship. Financial relationships are those relationships in which the individual benefits by receiving a salary, royalty, intellectual property rights, consulting fee, honoraria for promotional speakers' bureau, ownership interest (e.g., stocks, stock options or other ownership interest, excluding diversified mutual funds), or other financial benefit. Financial benefits are usually associated with roles such as employment, management position, independent contractor

(including contracted research), consulting, speaking and teaching, membership on advisory committees or review panels, board membership, and other activities from which remuneration is received, or expected. ACMG will identify, review and resolve all conflicts of interest prior to an educational activity being delivered to learners.

Content Validation and Fair Balance

1. ACMG follows the ACCME policy on Content Validation for CME activities, which requires:
a) All recommendations involving clinical medicine must be based on evidence that is accepted within the profession of medicine as adequate justification for their indications and contraindications in the care of patients.
b) All scientific research referred to, reported or used in CME in support or justification of patient care recommendations must conform to the generally accepted standards of experimental design, data collection and analysis.

2. Activities that fall outside the definition of CME/CE; "Educational activities that serve to maintain, develop, or increase the knowledge, skills, and professional performance and relationships that a physician uses to provide services for patients, the public, or the profession" (source: ACCME and AMA) will not be certified for credit. CME activities that promote recommendations, treatment, or manners of practicing medicine or pharmacy that are not within the definition of CME/CE or, are known to have risks or dangers that outweigh the benefits or, are known to be ineffective in the treatment of patients.

3. Presentations and CME/CE activity materials must give a balanced view of therapeutic options; use of generic names will contribute to this impartiality. If the CME/CE educational materials or content includes trade names, where available, trade names from several companies must be used.

Off-label Uses of Products

When an off-label use of a product, or an investigational use not yet approved for any purpose, is discussed during an educational activity, the accredited sponsor shall require the speaker to disclose that the product is not labeled for the use under discussion, or that the product is still investigational. Discussions of such uses shall focus on those uses that have been subject of objective investigation.

HIPAA Compliance by Faculty

The ACMG supports medical information privacy. While the ACMG is not a "covered entity" under HIPAA 1996 and therefore is not required to meet these standards, ACMG wishes to take reasonable steps to ensure that the presentation of individually identifiable health information at ACMG-sponsored events has been properly authorized. All presenters have completed a form indicating whether they intend to present any form of individually identifiable healthcare information. If so, they were asked either to attest that a HIPAA-compliant consent form is on file at their institution, or to send ACMG a copy of the ACMG HIPAA compliance form. This information is on record at the ACMG Administrative Office and will be made available upon request.

Disclaimer

ACMG educational programs are designed primarily as an educational tool for health care providers who wish to increase their understanding of the application of genomic technologies to patient care. The ACMG does not endorse, or recommend the use of this educational program to make patient diagnoses, particular by individuals not trained in medical genetics. Adherence to the information provided in these programs does not necessarily ensure a successful

diagnostic outcome. The program should not be considered inclusive of all proper procedures and tests or exclusive of other procedures and tests that are reasonably directed at obtaining the same results. In determining the propriety of any specific procedure or test, a healthcare provider should apply his or her own professional judgment to the specific clinical circumstances presented by the individual patient or specimen.

Questions regarding CE credit should be directed to education@acmg.net.

PRESENTERS, PROGRAM AND EDUCATION COMMITTEE DISCLOSURES

The American College of Medical Genetics and Genomics has implemented a process where everyone who is in a position to influence and/or control the content of a continuing education activity must disclose all relevant financial relationships with any commercial interest and any conflicts must be resolved prior to the activity. Participants of educational programs must be informed of an organizer's and/or a presenter's academic and professional affiliations and existence of any relevant financial relationship a presenter has with any proprietary entity producing heath care goods or services consumed by, or used on patients, with the exemption of non-profit or government organization and non-health care related companies. The intent of this disclosure is not to prevent a speaker from making a presentation. This policy allows the listener/attendee to be fully knowledgeable in evaluating the information being presented. All disclosures have been reviewed and conflicts of interest resolved by the Education Committee COI sub-committee or the Executive Director and CME Associate Director and conflicts of interest are disclosed.

Disclosure includes any relevant relationship that may potentially bias the planning of the continuing education activity or may potentially bias one's presentation or which, if known, could give the perception of bias. These situations may include but are not limited to:

Legend:
1. Employment/Salary
2. Consultancy
3. Ownership interests (including stock options) in a start-up company, the stock of which is not publicly traded
4. Ownership interest (including stock options, but excluding indirect investments through mutual funds and the like) in a publicly traded company
5. Research funding
6. Honoraria directly received from an entity
7. Patents and royalties
8. Paid expert testimony
9. Membership on an entity's board of directors, speaker's bureau, or its advisory committees
10. Any other financial relationship and list organization and relationship

Following is an alphabetical list of moderators and presenters who have disclosed the following:

Arjunan, Aishwarya - Counsyl, 1
Beaudet, Arthur- Baylor College of Medicine, 1, Baylor Genetics Laboratories,9
Beauchamp, Kyle - Counsyl, 1, 3
Bennett, Melissa - eviCore healthcare, 1
Biesecker, Leslie - Genentech, 7
Bick, David - Clinical Services Laboratory LLC, 10; Envision Genomics, 3; Genomics England, 10; Smith Family Clinic LLC - billing for care, 10
Bodamer, Olaf - Perkin Elmer, Genzyme, 2
Burton, Barbara - Biomarin, Shire Sanofi Genzyme, Alexion, RegenxBio, Horizon, Precision Bioscience, 2
Clarke, Lorne - BioMarin, 9; Genzyme, 9
Conta, Jessie - Roche, 6
Dobson, Lori - Counsyl, Inc, 9
Dolinsky, Jill- Ambry Genetics: A Konica Minolta Company, 1
Dunn, Katherine - Lineagen Inc, 1
Esplin, Edward - Invitae, 1

Fickie, Matt - Biomarin, 2; Evicore, 1
Finucane, Brenda - labcorp, 2; national fragile X foundation, 2; ovid therapeutics, 2
Gallagher, Renata - Horizon Pharma, 2
Gripp, Karen W. - FDNA, 2
Hagman, Kelly - Ambry Genetics, 1
Henry, Duncan - Illumina, 10
Hill-Harfe, Katherine - Progenity, Inc., 1
Hughes, Mark - Cooper Genomics, 1
Jasperson, Kory - Ambry Genetics, 1
Juusola, Jane - GeneDx, 1
Kurian Allison, Myriad Genetics, 5
Kishnani, Priya - Amicus, 6; Baebies, 3; Genzyme, 6
Lau, Heather- Pfizer, Sanofi, Shire, Actelion, 2, Amicus, Shire, Ultragenyx, Pfizer, Protalix, 5, Sanofi, Biomarin, Ultragenyx, 9
Merrion, Katrina - Natera, Inc., 1, 4
Newman, Randa - Concert Genetics, Inc., 10
Northrup, Hope - BioMarin Pharmaceuticals, 6
Reid, Cheryl - Aetna Better Health of New Jersey, 1
Ready, Kaylene, Counsyl, 1
Ronemus, Michael - Marvel Genomics PBC, 3
Slavotinek, Anne- OptumRx, Retrophin, 2, Oxford University Press, 7
Salamone, Jessica - Counsyl, 9; Myriad Genetics, 9
Shen, Jun - Counsyl, 2; Partners HealthCare, 1
Smith, Erica - Ambry Genetics, 1
Tinkle, Brad - Left Paw Press, 3
Tippin Davis, Brigette - Ambry Genetics, 1
Weltmer, Elaine - Ambry Genetics, 1
Wood, Tim - Abeona Therapeutics, 10; BioMarin Pharmaceuticals, 6; Inventiva Pharmaceuticals, 5; Perkin Elmer Genetics, 2; Sangamo Therapeutics, 10; Shire, 10; Ultragenyx Pharmaceuticals, 10
Zhang, Jinglan - Baylor Genetics, 1

Following is an alphabetical list of moderators and presenters that have nothing to disclose:

Akgumus, Gozde
Allingham-Hawkins, Diane
Baudhuin, Linnea
Beaudet, Arthur
Bejerano, Gill
Berg, Jonathan
Bernard, Genevieve
Billington, Charles
Bird, Thomas
Caldovic, Ljubica
Campion, MaryAnn
Caulfield, Mark
Chiriboga, Claudia
Chiu, Charles
Chung, Wendy
Ciarleglio, Leslie
Counts, Debra
Cunniff, Christopher
Curry, Cynthia
Cusmano-Ozog, Kristina
Dasgupta, Shoumita
Deignan, Joshua
Demmer, Laurie
Dipple, Katrina
Dobin, Sheila
Doyle, Debra
Edlow, Andrea
Eichler, Florian
Elliott, Alison
Evans, James
Flannery, David
Francomano, Clair
Franz, David
Ganetzky, Rebecca
Geddes, Gabrielle
Giovanni, Monica
Goddard, Katrina
Godley, Lucy
Goldgar, Constance
Greally, John
Greene, Nicholas
Gregg, Anthony
Gropman, Andrea
Haeberle, Johannes
Haller, Ronald
Hallquist, Miranda

Hamilton, Kayla
Harrison, Steven
Hebbring, Scott
Herbert, Mrudu
Herman, Gail
Hopkin, Robert
Howell, R. Rodney
Huang, Taosheng
Huang, Yi
Hubert, Leroy
Hudgins, Louanne
Hulick, Peter
Kalejta, Cassidi
Kalish, Jennifer M.
Keppler-Noreuil, Kim
Lantos, John
Lau, Heather
Lenarcic, Stacy
Leonard, Debra
Lerner-Ellis, Jordan
Li, Zejuan
Lin, Angela
Lincoln, Stephen
Liu, Ning
LoRusso, Patricia
Longo, Nicola
Lu, Christine
Malfait, Anne-Marie
Malheiro, Adriana
Martin, Christa Lese
Maxwell, Susan
McConkie-Rosell, Allyn
McGovern, Margaret
Miller, David
Mirzaa, Ghayda
Morrey, Christopher
Muenke, Maximilian
Murray, Michael
Nahas, Shareef
Navin, Nicholas
Nusblat, Dina
Pal, Tuya
Papanna, Ramesha
Pearl, Phillip
Pickarski, Justine
Popejoy, Alice
Porteus, Matthew
Powell, Cynthia
Prada, Carlos
Prasad, Priya
Price, Anya
Prows, Cynthia
Pugh, Trevor
Raggio, Cathleen
Regier, Debra
Rehm, Heidi L.
Riggs, Erin
Riggs, Erin Rooney
Rodan, Lance
Rohanizadegan, Mersedeh
Rowe, Peter
Sagaser, Katelynn
Samango-Sprouse, Carole
Schaaf, Christian
Scheuner, Maren
Schrier Vergano, Samantha
Scott, Jr., Richard
Siefkas, Kiana
Simonson, Melinda
Sloan, Jennifer
Sobreira, Nara
Souders, Beth
Starr, Lois
Stein, Quinn
Stewart, Douglas
Suarez, Carlos Jose
Tabori, Uri
Tarnopololsky, Mark
Thiffault, Isabelle
Toriello, Helga
Tung, Nadine
Van Hove, Johan
Van den Veyver, Ignatia
Veentra, David
Vladutiu, Georgirene
Vora, Neeta
Waggoner, Darrel
Walsh, Michael
Watson, Michael
Westerfield, Lauren
Whitley, Chester
Widemann, Brigitte
Wiesner, Georgia
Wilch, Ellen
Wilkins-Haug, Louise
Williams, Marc
Wynn, Julia
Zarate, Yuri
van Karnebeek, Clara

2018 | ACMG Annual Clinical Genetics Meeting
April 10–14 | Charlotte, NC

ACMG American College of Medical Genetics and Genomics
Translating Genes Into Health®

2018 ACMG Program and Education Committee Members Disclosures

Members of the ACMG Staff, Education and Program Committees involved in planning the 2017 ACMG Annual Clinical Genetics Meeting are required to indicate relevant relationships which could be perceived by some as a real or apparent conflict of interest in planning. All disclosures have been reviewed and conflicts of interest resolved by the Education Committee COI sub-committee or the Executive Director and CME Associate Director and conflicts of interest are disclosed. In the cases where a conflict existed then the committee member refrained from the discussion.

Following is a list of program and education committee members who have disclosed one or more such relationships and names of companies with which those relationships exist:

EC = Education Committee; PC = Program Committee; S = ACMG Staff

Legend:
1. Employment/Salary
2. Consultancy
3. Ownership interests (including stock options) in a start-up company, the stock of which is not publicly traded
4. Ownership interest (including stock options, but excluding indirect investments through mutual funds and the like) in a publicly traded company
5. Research funding
6. Honoraria directly received from an entity
7. Patents and royalties
8. Paid expert testimony
9. Membership on an entity's board of directors, speaker's bureau, or its advisory committees
10. Any other financial relationship and list organization and relationship

Members of the ACMG Staff (S), Education Committee (EC) and Program Committee (PC) have disclosed the following:

Bernat, John (EC)- Sanofi Genzyme, Shire, Protalix, 5
Northrup, Hope (PC)- BioMarin Pharmaceuticals, 6
Pappas, Kara (EC)- BioMarin Virtual, 2
Slavotinek, Anne (EC, PC)- OptumRx, Retrophin, 2; Oxford University Press, 7
Stevenson, David (PC)- Alexion Pharmaceuticals, Lineagen, Inc., GLG, 2; Prader-Willi Syndrome Association, Cardiofaciocutaneous Syndrome, Costello Syndrome 9

Following is a list of ACMG Staff, Education and Program Committees that have nothing to disclose:

Arnold, Georgianne (PC)
Bao, Liming (EC)
Barnett, Claudia (S)
Cunniff, Christopher (PC)
Dahlroth, Jane (S)
Dhar, Shweta (EC)
Dipple, Katrina (PC)
Elsea, Sarah (PC)
Freire, Penelope (S)
Giovanni, Monica (EC, PC)
Hisama, Fuki (PC)
Hodge, Jennelle (PC)
Hudgins, Louanne (PC)
King, Jennifer (PC)
Magoulas, Pilar (PC)
Mito, Yoshiko (EC)
Mullen, Thomas (EC)
Nguyen, Joanne (PC)
Pal, Tuya (PC)
Parikh, Aditi (EC)
Radford, Jane (S)
Roberts, Amy (EC)
Schaaf, Christian (PC)
Smith, Jessica (PC)

Suskin, Barrie (EC
Toriello, Helga (PC)
Watson, Michael (S)

White, Janson (EC)
Wick, Myra (PC)

Participation Instructions

1. Participant logs into ondemand.acmg.net

2. Once logged in the participant will access the session they would like to view. They will be asked if they would like to claim credit for the meeting, or if they will not claim credit for the meeting. Then, this information (Course description) will appear, and participant will have to attest that they have read the information. They will then click Continue.

3. After that, the participant will be able to select the credit types to claim.

4. For each session with a post-test, the participant will need to mark and complete the matching pre-test.

5. Then the participant will watch the session presentations.

6. Participant will complete viewing all session content. "Check marks" indicate which presentations have been viewed.

7. After viewing all presentations within a session, participant will click the "Claim Credit for Session" button under the CME dropdown at the top of the page.

8. Participant should take and then successfully pass the post-test. If they do not pass with a score of 80% or higher, they will have unlimited tries to pass the post-test.

9. Participant will continue the steps above to earn credits for additional sessions.

10. If a session does not have a test attached, the participant will not need to take a pre- or posttest, but will have to complete a Concurrent or Plenary session-specific evaluation to claim credit.

11. To print their certificate, the participant will click the "Print Certificate" button under the CME dropdown at the top of the page. Participant must complete the meeting evaluation (one time only) before they can access their certificate. Participant will then choose their certificate(s). The certificate(s) will be automatically updated as they earn new credits.

Stream Requirements	
Network	For best results, use a hardwired network connection instead of wireless

Full Screen Viewing	If you would like to view the webcast full screen, display the tool bar at the bottom and click the double arrow in the far right corner. The screen will enlarge to the full screen of you system. To restore the size, press the "ESC" key
Refresh Browser Window	If the webcast freezes and does not recover in 3-4 seconds, refresh browser window
Freezing or Stuttering Issues	Adjust the amount of bandwidth needed by putting your mouse anywhere over the video window. A tool bar will appear at the bottom. On the right side you will see a "HD" button, click on that button and you will see a list of options. The top is "auto", with decreasing numbers below. Select a lower bandwidth (such as 360p) to see if your webcast improves
For Technical Support call	1-800-504-5379

Mobile Viewing Requirements

Android Devices	Android 2.3+ with Adobe Flash Player 10.2 or better installed Install Flash Player
Apple Devices	iOS 4+

Online Viewing Requirements

Bandwidth	512kbps

Required Hardware and Software	Screen resolution of 1024X768 or larger Sound card and speakers/headphones
Browser	Microsoft Internet Explorer 7.0 or better Mozilla Firefox 4 or better Safari 5 or better
Windows	Operating System: Windows 8 desktop mode, Windows 7; Windows Vista; Windows XP Service Pack 2 or 3 x86 or x64 (Browsers must be in 32-bit mode) 1.6-gigahertz (GHz) or higher processor 512MB of RAM
Mac OS	Operating System: Apple Mac OS X 10.4.8 or above Intel Core™ Duo 1.83GHz or faster processor 512MB of RAM

Registration and Fees

ondemand.acmg.net
ACMG Members and ACMG Trainees: ($349)
Non-members ($399)
Additional fee (~$25) applies for NSGC credit that is billed by NSGC.

Questions regarding CE credit should be directed to education@acmg.net

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