

*The following presenters had nothing to disclose:*

**Adeyemo, Adebowale** (Session 51)

**Aguirre, Matthew** (Session 36)

**Akizu, Naiara** (Session 7)

**Aldinger, Kimberly** (Session 15)

**Anderson, Warren** (Session 10)

**Arias, Joshua** (Session 40)

**Asgari, Samira** (Session 6)

**Auer, Paul** (Session 55)

**Avalos, Diana** (Session 16)

**Bader, Elyssa** (Session 30)

**Bakhtiari, Mehrdad** (Session 36)

**Bakhtiari, Mehrdad** (Session 42)

**Balciuniene, Jorune** (Session 5)

**Ballouz, Sara** (Session 10)

**Barnewolt, Carol** (Session 35)

**Barrientos, Nelson** (Session 40)

**Beck, Christine** (Session 52)

**Beck, David** (Session 8)

**Bedrosian, Tracy** (Session 15)

**Belonwu, Stella** (Session 36)

**Bentley, Amy** (Session 44)

**Bhattacharya, Arjun** (Session 28)

**Bhoj, Elizabeth** (Session 7)

**Bianchi, Diana** (Session 38)

**Bickmore, Wendy** (Session 21)

**Bjornsson, Hans** (Session 7)

**Blair, David** (Session 45)

**Bolduc, Francois** (Session 15)

**Bombard, Yvonne** (Session 12)

**Bombard, Yvonne** (Session 12)

**Bossini-Castillo, Lara** (Session 30)

**Boukas, Leandros** (Session 29)

**Boyle, Evan** (Session 49)

**Bracci, Alexa** (Session 36)

**Brand, Harrison** (Session 19)

**Brennand, Kristen** (Session 34)

**Brennand, Kristen** (Session 34)

**Broekema, Roeland** (Session 42)

**Brown, Alex** (Session 46)

**Brown, Elizabeth** (Session 27)

**Burchard, Esteban** (Session 23)

**Bureau, Alexandre** (Session 47)

**Butali, Azeez** (Session 18)

**Byrska-Bishop, Marta** (Session 6)

**Bzikadze, Andrey** (Session 52)

**Camp, Nicola** (Session 47)

**Cano Gamez, Eddie** (Session 8)

**Capra, John** (Session 6)

**Caron, Nadine** (Session 46)

**Caudle, Kelly** (Session 9)

**Chatron, Nicolas** (Session 26)

**Chatterjee, Suvo** (Session 4)

**Chen, Fang** (Session 17)

**Chen, Hongjie** (Session 27)

**Chen, Lei-Shih** (Session 18)

**Chenevix-Trench, Georgia** (Session 55)

**Chesi, Alessandra** (Session 41)

**Chiba-Falek, Ornit** (Session 53)

*The following presenters had nothing to disclose:*

**Chikowore, Tinashe** (Session 28)

**Cho, Mildred** (Session 11)

**Choudhury, Ananyo** (Session 44)

**Chowdhury, Fuad** (Session 43)

**Cibulskis, Kristian** (Session 71)

**Claw, Katrina** (Session 24)

**Comas, David** (Session 24)

**Costain, Gregory** (Session 54)

**Cotney, Justin** (Session 16)

**Course, Meredith** (Session 8)

**Cousin, Margot** (Session 45)

**Crosslin, David** (Session 9)

**Curry Sturm, Amy** (Session 12)

**Darnell, Gregory** (Session 17)

**Darst, Burcu** (Session 17)

**Dennis, Megan** (Session 53)

**Dikilitas, Ozan** (Session 14)

**Disteche, Christine** (Session 10)

**DiTroia, Stephanie** (Session 43)

**Dluzen, Douglas** (Session 56)

**Dornbos, Peter** (Session 44)

**Drivas, Theodore** (Session 36)

**Ellard, Sian** (Session 20)

**El-Sayed Moustafa, Julia Sarah** (Session 55)

**Empey, Philip** (Session 9)

**Engreitz, Jesse** (Session 21)

**Fahrner, Jill** (Session 48)

**Faundes, Victor** (Session 45)

**Fiaux, Patrick** (Session 42)

**Flasch, Diane** (Session 27)

**Flynn, Elise** (Session 39)

**Forzano, Francesca** (Session 20)

**Fox, Keolu** (Session 37)

**Fu, Jack** (Session 51)

**Fuchsberger, Christian** (Session 78)

**Fullerton, Stephanie** (Session 18)

**Ganna, Andrea** (Session 11)

**Ganna, Andrea** (Session 25)

**Gao, X. Raymond** (Session 53)

**Garske, Kristina** (Session 36)

**Gasperini, Molly** (Session 21)

**Gecz, Jozef** (Session 48)

**Geeleher, Paul** (Session 3)

**Gerges, Sherif** (Session 41)

**Gibbons, Gary** (Session 38)

**Giersch, Anne** (Session 5)

**Gingras, Marie-Claude** (Session 56)

**Giusti-Rodríguez, Paola** (Session 26)

**Goddard, Page** (Session 44)

**Goodwin, Sara** (Session 50)

**Graham, LeRoy** (Session 23)

**Graham, Sarah** (Session 44)

**Gray, Kathryn** (Session 35)

**Green, Eric** (Session 38)

**Gregory, Simon** (Session 53)

**Grochowski, Christopher** (Session 26)

**Gruber, Jeremy** (Session 33)

**Guerra Amorim, C. Eduardo** (Session 24)

*The following presenters had nothing to disclose:*

**Hagelstrom, R. Tanner** (Session 5)

**Hao, Limin** (Session 36)

**Harerimana, Nadia** (Session 53)

**Harris, Daniel** (Session 6)

**Harrison, Steven** (Session 20)

**Harwood, Michelle** (Session 29)

**He, Yixuan** (Session 36)

**Head, PamelaSara** (Session 31)

**Heiner, Cheryl** (Session 5)

**Hellwege, Jacklyn** (Session 14)

**Henrikson, Nora** (Session 36)

**Hermes, Azure** (Session 46)

**Heyne, Henrike** (Session 8)

**Himes, Blanca** (Session 23)

**Hocker, James** (Session 14)

**Hodonsky, Chani** (Session 44)

**Hodonsky, Chani** (Session 51)

**Hoffman, Michael** (Session 45)

**Hormozdiari, Fereydoun** (Session 21)

**Housman, Genevieve** (Session 32)

**Howard, Timothy** (Session 18)

**Hu, Jianhong** (Session 4)

**Huang, Bonnie** (Session 39)

**Huang, Yue** (Session 15)

**Hünemeier, Tábita** (Session 24)

**Ilardo, Melissa** (Session 37)

**Innes, Micheil** (Session 19)

**Ioannidis, Alexander** (Session 6)

**Iyer, Shruti** (Session 50)

**Jiang, Minzhi** (Session 2)

**Jin, Sheng Chih** (Session 15)

**Johari, Mridul** (Session 36)

**Joly, Yann** (Session 33)

**Jukarainen, Sakari** (Session 56)

**Kaikkonen, Minna** (Session 14)

**Kalantzis, Georgios** (Session 28)

**Kanai, Masahiro** (Session 32)

**Karchin, Rachel** (Session 79)

**Keating, Brendan** (Session 9)

**Keener, Rebecca** (Session 44)

**Kelemen, Martin** (Session 36)

**Kerman, Ben** (Session 7)

**Khan, Alyna** (Session 18)

**Kho, Jordan** (Session 36)

**Kidd, Jeffrey** (Session 45)

**Kim, Samuel** (Session 13)

**Kim, Young Jin** (Session 28)

**Kinsler, Veronica** (Session 31)

**Kleefstra, Tjitske** (Session 48)

**Klein, Robert** (Session 19)

**Kousi, Maria** (Session 53)

**Kundu, Soumya** (Session 41)

**Lai, Dulcie** (Session 15)

**Lake, Nicole** (Session 39)

**Lareau, Caleb** (Session 30)

**Lasseigne, Brittany** (Session 13)

**Laver, Thomas** (Session 22)

**Leal, Suzanne** (Session 47)

*The following presenters had nothing to disclose:*

**Lee, David** (Session 29)  
**Lee, Olivia** (Session 26)  
**Lemke, Amy** (Session 12)  
**Lemke, Amy** (Session 19)  
**Leppig, Kathleen** (Session 56)  
**Levesley, Jessica** (Session 41)  
**Li, Dong** (Session 43)  
**Li, Xihao** (Session 17)  
**Li, Yi-Ju** (Session 17)  
**Lim, Elaine** (Session 42)  
**Liu, Wei** (Session 42)  
**Liu, Yaping** (Session 36)  
**Longchamps, Ryan** (Session 36)  
**Lopes, Katia** (Session 41)  
**Lowther, Chelsea** (Session 5)  
**Lu, Xiaoming** (Session 16)  
**Luppino, Federica** (Session 13)  
**Lyle, Robert** (Session 4)  
**Maas, Richard** (Session 54)  
**Macdonald-Dunlop, Erin** (Session 14)  
**Mahmoud, Medhat** (Session 50)  
**Makhnoon, Sukh** (Session 7)  
**Mancuso, Nicholas** (Session 55)  
**Manolio, Teri** (Session 8)  
**Manolio, Teri** (Session 20)  
**Mantri, Madhav** (Session 30)  
**Marafi, Dana** (Session 43)  
**Margoliash, Jonathan** (Session 36)  
**Martin, Alicia** (Session 23)

**Martin, Christa** (Session 20)  
**Mathieson, Iain** (Session 29)  
**May-Wilson, Sebastian** (Session 7)  
**McArthur, Evonne** (Session 39)  
**McKelvey, Brittany** (Session 50)  
**Mendenhall, Eric** (Session 8)  
**Mersha, Tesfaye** (Session 2)  
**Mertes, Christian** (Session 76)  
**Miao, Zong** (Session 36)  
**Miller, Anna** (Session 14)  
**Miranda, Helen** (Session 45)  
**Mirshahi, Uyenlinh** (Session 22)  
**Mitra, Joydeep** (Session 16)  
**Mohajeri, Kiana** (Session 21)  
**Mohlke, Karen** (Session 28)  
**Monroe, Glen** (Session 50)  
**Moon, Intae** (Session 3)  
**Moore, Jill** (Session 73)  
**Moore, Jill** (Session 39)  
**Moore, Jill** (Session 16)  
**Morales, Joannella** (Session 74)  
**Morales-Rosado, Joel** (Session 43)  
**Morimoto, Marie** (Session 36)  
**Mosley, Trenell** (Session 26)  
**Motelow, Joshua** (Session 54)  
**Muhammad, Ayesha** (Session 31)  
**Mukherjee, Souhrid** (Session 13)  
**Mulindwa, Julius** (Session 55)  
**Mundlos, Stefan** (Session 26)

*The following presenters had nothing to disclose:*

**Murdock, David** (Session 5)

**Naeem, Haroon** (Session 42)

**Nakatochi, Masahiro** (Session 27)

**Naseri, Ardalan** (Session 36)

**Nguyen, Tan-Hoang** (Session 28)

**Norton, Nadine** (Session 3)

**Novembre, John** (Session 33)

**Novikova, Gloriia** (Session 53)

**O'Daniel, Julianne** (Session 18)

**O'Donnell-Luria, Anne** (Session 54)

**Okada, Yukinori** (Session 37)

**Ormond, Kelly** (Session 18)

**Oskotsky, Tomiko** (Session 25)

**Ouidir, Marion** (Session 36)

**Padhi, Evin** (Session 51)

**Palamara, Pier** (Session 37)

**Park, Minhyuk** (Session 31)

**Partan, Elizabeth** (Session 54)

**Pasca, Sergiu** (Session 34)

**Pathak, Gita** (Session 25)

**Penon Portmann, Monica** (Session 54)

**Pereira, Lygia** (Session 24)

**Pizzo, Lucilla** (Session 36)

**Polubothu, Satyamaanasa** (Session 43)

**Praveen, Kavita** (Session 2)

**Prince, Anya** (Session 33)

**Qian, Sheng** (Session 13)

**Quintana-Murci, Lluís** (Session 24)

**Raca, Gordana** (Session 43)

**Raffield, Laura** (Session 55)

**Raj, Towfique** (Session 49)

**Ramachandran, Sohini** (Session 13)

**Rampersaud, Evadnie** (Session 56)

**RAO, SHUQUAN** (Session 19)

**Reilly, Steven** (Session 16)

**Reilly, Steven** (Session 11)

**Rissland, Olivia** (Session 49)

**Ritchie, Scott** (Session 40)

**Roberts, Jessica** (Session 33)

**Robinson, Peter** (Session 35)

**Rodriguez, Oscar** (Session 52)

**Rosenfeld, Jeffrey** (Session 50)

**Rosenow, Will** (Session 36)

**Rotival, Maxime** (Session 30)

**Rowan, Bryce** (Session 28)

**Roychowdhury, Tanmoy** (Session 40)

**Ruan, Yunfeng** (Session 36)

**Ruczinski, Ingo** (Session 47)

**Sadikovic, Bekim** (Session 48)

**Sakaue, Saori** (Session 37)

**Saleheen, Danish** (Session 51)

**Samadder, Jewel** (Session 56)

**Sanchis-Juan, Alba** (Session 52)

**Sang, Qing** (Session 4)

**Santorico, Stephanie** (Session 29)

**Savage, Sharon** (Session 27)

**Schaffer, Ashleigh** (Session 31)

**Scheuner, Maren** (Session 18)

*The following presenters had nothing to disclose:*

**Schubert, Ryan** (Session 2)

**Scott, Tiana** (Session 54)

**Sebat, Jonathan** (Session 31)

**Seibold, Max** (Session 23)

**Senaratne, T. Nirosi** (Session 4)

**Sengupta, Dhriti** (Session 6)

**Shain, Hunter** (Session 30)

**Shang, Lulu** (Session 16)

**Sharo, Andrew** (Session 36)

**Sharp, Andrew** (Session 48)

**Shaw, Douglas** (Session 32)

**Simonson, Tatum** (Session 37)

**Sinclair, Andrew** (Session 10)

**Sisoudiya, Saumya** (Session 27)

**Smith, Cathy** (Session 42)

**Smith, Jennifer** (Session 40)

**Sood, Amika** (Session 6)

**Sparks, Teresa** (Session 35)

**Spear, Melissa** (Session 29)

**Spinner, Nancy** (Session 52)

**Stalbow, Lauren** (Session 28)

**Steinberg, Julia** (Session 27)

**Stern, Aaron** (Session 29)

**Sullivan, Beth** (Session 32)

**Sunitha, Margaret** (Session 51)

**Taliun, Daniel** (Session 6)

**Theusch, Elizabeth** (Session 31)

**Thorland, Erik** (Session 32)

**Torres, Jason** (Session 44)

**Trinder, Mark** (Session 31)

**Trynka, Gosia** (Session 25)

**Tukiainen, Taru** (Session 30)

**Turner, Adam** (Session 14)

**Ullah, Farid** (Session 43)

**Urbut, Sarah** (Session 36)

**Uribe-Salazar, Jose** (Session 15)

**Ushiki, Aki** (Session 36)

**Valdmanis, Paul** (Session 52)

**Varshney, Arushi** (Session 16)

**Velez Edwards, Digna** (Session 4)

**Veltman, Joris** (Session 20)

**Verma, Shefali** (Session 35)

**Vialle, Ricardo** (Session 32)

**Villani, Anita** (Session 3)

**Voight, Ben** (Session 40)

**Wagner, Jennifer** (Session 33)

**Wagner, Jennifer** (Session 33)

**Wang, Anqi** (Session 42)

**Wang, Austin** (Session 41)

**Wang, Liyong** (Session 51)

**Wang, Ziqiao** (Session 13)

**Weeks, Elle** (Session 21)

**Weiner, Daniel** (Session 17)

**Weinstock, Joshua** (Session 51)

**Weissbrod, Omer** (Session 17)

**Weksberg, Rosanna** (Session 48)

**Wetzel-Strong, Sarah** (Session 15)

**Wilcox, Phillip** (Session 46)

*The following presenters had nothing to disclose:*

**Wilson, Melissa** (Session 10)

**Wolford, Brooke** (Session 14)

**Woolley, Mary** (Session 38)

**Wright, Caroline** (Session 22)

**Wright, Jessica** (Session 54)

**Wynshaw-Boris, Anthony** (Session 38)

**Wynshaw-Boris, Anthony** (Session 1)

**Xiao, Xinshu** (Session 49)

**Xiong, Xushen** (Session 30)

**Xu, Mai** (Session 27)

**Yan, Stephanie** (Session 29)

**Yang, Jiekun** (Session 40)

**Yang, Lixing** (Session 26)

**Yang, Xiaohong Rose** (Session 47)

**Yeo, Gene** (Session 49)

**Yepes, Sally** (Session 47)

**Yepez, Vicente** (Session 39)

**Yrigollen, Carolyn** (Session 41)

**Zettler, Bethany** (Session 56)

**Zhang, Xiaolei** (Session 39)

**Zhang, Yuanchao** (Session 13)

**Zhou, Jin** (Session 75)

**Zhou, Wei** (Session 17)

**Zhou, Xueya** (Session 19)

**Zhu, Tiantian** (Session 55)

*The following presenters made disclosures:*

**Antoniou, Antonis** (Session 22)

Other: listed as one of the BOADICEA cancer risk prediction model creators. BOADICEA has been licensed by Cambridge Enterprise

**Banday, Rouf** (Session 25)

Grant/Research support (External); Self; NCI, NIH

**Bottà, Giordano** (Session 36)

Major stockholder/ownership interest; Self; Allelica

**Carss, Keren** (Session 2)

Salary/Employment; Self; AstraZeneca

**Celis, Katrina** (Session 53)

None; Husband works for Horizon Pharma

**Chakravorty, Samya** (Session 36)

Grant/Research support (External); Self; Muscular Dystrophy Association Development Grant, Sanofi-Genzyme Investigator Sponsored Study Grant, Jain Foundation Grant, Children's Healthcare of Atlanta Advanced Genomics for Neuromuscular Disease Pilot Grant

**Chang, Howard** (Session 49)

H.Y.C. is a co-founder of Accent Therapeutics, Boundless Bio, and an advisor of 10x Genomics, Arsenal Biosciences and Spring Discovery.

Merck, Regeneron

**Chavez, Lukas** (Session 26)

Royalty(ies)/Honoraria; Self; Yes (ARIMA Genomics \$1k)

**Cohen, Glenn** (Session 11)

I have served as a Bioethics consultant for Otsuka on its Abilify MyCite product and I will soon join the external advisory board for Illumina.

**Cousminer, Diana** (Session 36)

Salary/Employment; Self; Full time employee of Invitae Corporation

**Do, Ron** (Session 40)

I have received research support from Goldfinch Bio and am a consultant for Variant Bio.

**Faulkner, Nicole** (Session 3)

Salary/Employment; Self; Full time employee of Invitae Corporation

**Ginsburg, Geoffrey** (Session 12)

Stock Options: Fabric Genomics, Origin Commercial Advisors LLC, Predigen, Exploragen, Peer Medical. Consultant/Advisory Boards: Konica Minolta, Inc. Research Funding to Duke (non-profit or government):US Defense Advanced Research Projects Agency National

**Hu, Zhiqiang** (Session 56)

Grant/Research support (External); Spouse/Life Partner; Tata Consultancy Services, NIH

**Kampmann, Martin** (Session 34)

Other; Scientific Advisory Board; Casma Therapeutics, Engine Biosciences

**Karczewski, Konrad** (Session 55)

Consultant/consulting fees/other remuneration; Spouse/Life Partner; 23andMe, Illumina

**Kennedy, Caleb** (Session 9)

Salary/Employment; UnitedHealth Group

**Khramtsova, Ekaterina** (Session 10)

Employee of Janssen Pharmaceutical Companies of Johnson & Johnson

**Kosmicki, Jack** (Session 25)

Salary/Employment; Self; Regeneron

**Kuhn, Robert** (Session 77)

Salary/Employment; Self; Regeneron, Inc, UCSC Genome Browser royalties

**Landstrom, Andrew** (Session 70)

NIH, CDC, Children's Miracle Network, Colin's Kids, American SIDS Institute



*The following presenters made disclosures:*

**Lappalainen, Tuuli** (Session 52)

Member of the scientific advisory boards of Variant Bio and Goldfinch Bio. Own stock of Variant Bio

**Lappalainen, Tuuli** (Session 22)

Member of the scientific advisory boards of Variant Bio and Goldfinch Bio. Own stock of Variant Bio

**Mbatchou, Joelle** (Session 2)

Salary/Employment; Self; Regeneron Pharmaceuticals

**Montgomery, Stephen** (Session 39)

Salary/Employment; Self; Myome, GLG

**Nielsen, Sarah** (Session 3)

Major stockholder/ownership interest; Self; Invitae corp; Salary/Employment; Self; Invitae corp

**O'Connell, Brendan** (Session 25)

Grant/Research support (External); Self; M. J. Murdock Charitable Trust

**Pirruccello, James** (Session 2)

Grant/Research support (External); Self; John S LaDue Memorial Fellowship for Cardiovascular Research; Consultant/consulting fees/other

**Pisarska, Margareta** (Session 4)

Grant/Research support (External); Self; NIH; Royalty(ies)/Honoraria; Self; Ferring, Natera; Non-remunerative positions of influence such as officer, board member, trustee, or public spokesperson; Self; Endocrine Society Annual Meeting Steering Committee

**Prada, Carlos** (Session 7)

Receipt of intellectual property; Self; Provisional patent of rapamycin for treatment of SKS

**Rogan, Peter** (Session 3)

Major stockholder/ownership interest; Self; Cytognomix

**Sathirapongsasuti, Jarupon** (Session 11)

Current employee of MedGenome Inc., and a former employee and stock holder of 23andMe Inc.

**Stark, Amy** (Session 25)

Chief Science Partner of GENERIS a start-up app

**Stergachis, Andrew** (Session 52)

Receipt of intellectual property; Self; Andrew Stergachis co-inventor on a patent that is includes discovers described in the work presented in this abstract University of Washington

**Taft, Ryan** (Session 5)

Major stockholder/ownership interest; Self; Illumina Inc.

**Talkowski, Michael** (Session 34)

Levo Therapeutics sponsored research agreement

**Telis, Natalie** (Session 2)

Calico Life Sciences (employee); Salary/Employment

**Torene, Rebecca** (Session 5)

Salary/Employment; Self; employed by GeneDx

**Tsosie, Krystal** (Session 46)

Board Member, Native BioData Consortium

**Udler, Miriam** (Session 22)

2017-present Royalties for ABT-199/Venetoclax (BCL2-inhibitor); 2019-present Royalties associated with patent PCT/EP2016/063125 encompassing aryl sulfonohydrazide inhibitors of the KAT6A/B histone acetyltransferases

**Vitti, Joseph** (Session 11)

Salary/Employment; Self; Seven Bridges Genomics, Inc.

**Voora, Deepak** (Session 9)

United Health Group; Consultant/consulting fees/other remuneration

*The following presenters made disclosures:*

**Vora, Neeta** (Session 35)

I receive supplies in kind from Illumina for an NIH funded prenatal whole genome sequencing project.

**Wakeling, Erin** (Session 41)

Salary from Detroit Medical Center University Laboratories

**Ward, Lucas** (Session 3)

Salary/Employment; Self; Employee of Alnylam Pharmaceuticals

**Wasserstein, Melissa** (Session 7)

Grant/Research support (External); Self; PI in Sanofi-Genzyme sponsored clinical trial; Consultant/consulting fees/other remuneration; Self; Consulting fees and travel reimbursement

**Williams, L. Keoki** (Session 23)

Receive grant funding from NHLBI and NIDDK, NIH.

**Wilson, Samantha** (Session 4)

Major stockholder/ownership interest; Self; United States Provisional Patent Application No. 62/931,411. SYNTHETIC SPIKE-IN CONTROLS FOR CELL-FREE MEDIP SEQUENCING AND METHODS OF USING SAME. November 6, 2019

**Yancopoulos, George** (Session 38)

Co-Founder, Chief Scientific Officer, Regeneron

**Yracheta, Joseph** (Session 46)

Founding Member; Self; Native BioData Consortium

**Zhou, Alicia** (Session 12)

Major stockholder/ownership interest  
stockholder/ownership interest;  
Salary/Employment; Color Genomics