



**48th Annual Child Neurology Society  
Meeting  
October 23-26, 2019**

**Disclosure:**

It is the policy of the Minnesota Medical Association (MMA) to ensure balance, independence, objectivity, and scientific rigor in its CME activities. To comply with the Standards for Commercial Support of the Accreditation Council for Continuing Medical Education (ACCME), the MMA requires planning committee members and faculty to disclose any relevant financial relationship he/she and his/her spouse/partner has with a commercial interest.

The following financial relationships were disclosed and resolved prior to the activity:

<b>Bale, Jr.</b>	<b>Spouse/Partner:</b> Associated Regional University Pathology (ARUP) Laboratories
<b>Brashear</b>	<b>Consultant:</b> Ipsen and Revance on protocol development <b>Research Funding:</b> Wake Forest School of Medicine by Ipsen, Revance and NIH <b>Board of Directors and Stock holder:</b> CareDirection, American Board of Psychiatry and Neurology <b>Speaker:</b> American Academy of Neurology
<b>Coffman</b>	<b>Consultant:</b> PTC Therapeutics. <b>Advisory Board:</b> Virtual advisory Board for AADC deficiency
<b>Cohen</b>	<b>Consultant/Honoraria/Speaker's Bureau /Grant/Research Support/Royalty/ Employee:</b> Stealth Biotherapeutics, BioElectron Technologies, Reata Pharma, Horizon Pharma, American Academy of Neurology, Elsevier
<b>Dang</b>	<b>Grant/Research Support:</b> Stroke Therapeutics
<b>Demarest</b>	<b>Honoraria:</b> Upsher-Smith <b>Advisory Board:</b> Biomarin, Cerliponase
<b>Dunn</b>	<b>Honoraria:</b> Young Epilepsy, Shire
<b>Dure</b>	<b>Consultant:</b> Vitesse Pharmaceuticals, TEVA Pharmaceuticals
<b>Ebrahimi-Fakhari</b>	<b>Research Funding:</b> Spastic Paraplegia Foundation Inc., from CureSPG47 Inc., Thrasher Research Fund.
<b>Finkel</b>	<b>Consultant:</b> AveXis, Biogen, Capricor, Catabasis, Genentech, Neurogene, Roche, Sarepta. <b>Grants/Research Support:</b> AveXis, Biogen, Capricor, Catabasis, Cure SMA, Roche, Sarepta, Scholar Rock. <b>Royalty:</b> Children's Hospital of Philadelphia
<b>Fullwood Augustine</b>	<b>Consultant:</b> Biomarin Pharmaceutical, Regenxbio <b>Grant/Research Support:</b> Biohaven Pharmaceutical, Abeona Therapeutics

<b>Gilbert</b>	<b>Consultant/Grant/Research Support:</b> Erydel - site investigator; Psyadon/Emalex Site investigator/PI; Elsevier; Wolters Kluwer; US DOJ; Am Academy Pediatrics; Child Neurology Soc; Tourette Assoc America; Texas Neurological Soc
<b>Giza</b>	<b>Grants/Research Support:</b> NCAA, U.S. Dept of Defense, UCLA Steve Tisch BrainSPORT program, NIH NINDS, UCLA Brain Injury Research Center, Easton Clinic for Brain Health, NINDS Neural Analytics SBIR grant <b>Clinical Consultant:</b> NBA, NFL-Neurological Care Program, NHLPA <b>Advisory Panel:</b> Highmark Interactive, MLS, NBA, USSF, NCAA Concussion Committee <b>Stock Shareholder:</b> Highmark Interactive <b>Royalties:</b> Blackwell/Wiley Publishing
<b>Goodkin</b>	<b>Other, e.g. royalty, employee (Self):</b> Elsevier
<b>Gupta</b>	<b>Consultant/Honoraria:</b> Eisai Inc., Mallinckrodt Inc.
<b>Hwang</b>	<b>Speaker's Bureau:</b> Bayer <b>Grant Support:</b> Pfizers <b>Consultant:</b> Tocagen
<b>Knupp</b>	<b>Grant/Research Support:</b> West Therapeutics, Zogenix pharmaceuticals <b>Consultant:</b> Zogenix pharmaceuticals
<b>Mink</b>	<b>Consultant/Honoraria/Grant/Research Support:</b> Abide, Censa, Abeona
<b>Ness</b>	<b>Grant/Research Support:</b> Site PI for Chugai, Site PI for Novartis <b>Spouse:</b> Medtronics
<b>Neumeyer</b>	<b>Grant/Research Support:</b> Roche- Clinical trial support
<b>Nickels</b>	<b>Consultant:</b> Zogenix <b>Grant/ Research Support:</b> Zogenix, GW
<b>Ochoa-Lubinoff</b>	<b>Consultant:</b> Ovid Therapeutics
<b>Packer</b>	<b>Consultant:</b> Novartis, AstraZeneca
<b>Patel</b>	<b>Consultant:</b> Greenwich Biosciences <b>Research Support:</b> Greenwich Biosciences, Pediatric Epilepsy Research Foundation, NIH
<b>Patterson</b>	<b>Consulting:</b> Actelion, Agios, Alexion, Amicus, IntraBio, Novartis, Orphazyme, Shire, Vtesse (honoraria and travel expenses). <b>Stock:</b> IntraBio <b>Research:</b> Actelion, National MS Society, NIH, Orphazyme, Peggy Furth Fund at Mayo Clinic
<b>Raju</b>	<b>Consultant:</b> Sapience Therapeutics, Inc. <b>Role:</b> Scientific Advisory Board
<b>Roach</b>	<b>Honoraria:</b> Elsevier
<b>Schreiber</b>	<b>Consultant:</b> Xenon Pharmaceuticals
<b>Schreiner</b>	<b>Consultant:</b> Applied Clinical Intelligence
<b>Schulz</b>	<b>Consultant:</b> BioMarin <b>Honoraria:</b> Regenxbio, Amicus, Shire, Spark Tx, Circumvent
<b>Shellhaas</b>	<b>Consultant:</b> Epilepsy Study Consortium <b>Royalties:</b> UpToDate royalties for authorship of topics related to neonatal seizures
<b>Thio</b>	<b>Consultant:</b> Epilepsy Study Consortium - Eisai, GW Pharmaceuticals, Takeda and Zogenix
<b>Tilton</b>	<b>Consultant/ Grant/Research Support/Principle Investigator:</b> Ipsen, Eisai
<b>Van Haren</b>	<b>Honoraria:</b> Orpheris, bluebirdbio, Viking

<b>Vanderver</b>	<b>Grant Support:</b> Gilead, Ionis, Lilly, Biogen <b>Advisory Board:</b> Shire/Takeda, Ionis, Illumina
<b>Wainwright</b>	<b>Consultant:</b> Sage Pharmaceuticals

The remaining members of the faculty and planning committee for this conference have indicated that they have no relevant financial relationships to disclose related to the content of the CME activity. Faculty members have declared that they will uphold the MMA's standards regarding CME activities and that any clinical recommendations are based on the best available evidence or are consistent with generally accepted medical practice. Please indicate in the comments section of the evaluation form whether you detect any instances of bias toward products manufactured by commercial interests.

**CME Credit:**

This activity has been planned and implemented in accordance with the Essential Areas and Policies of the Accreditation Council for Continuing Medical Education through the joint providership of the Minnesota Medical Association and the Child Neurology Society. The Minnesota Medical Association (MMA) is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

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Bluebird Bio

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