



2017 Annual Child Neurology Society Meeting October 4-7, 2017

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:

Gyula Acsadi	Advisory Board: Biogen, Sarepta, Genetech, Avexis
Josh Bonkowsky	Grant/Research Support: Minoryx, Inc. Spouse: Consultant for BioFire Diagnostics.
Genevieve Bernard	Honoraria: Genzyme, Actelion Pharmaceuticals Scientific advisory boards: Actelion Pharmaceuticals, Shire, Santhera Pharmaceuticals Grants: Shire, Actelion Pharmaceuticals
Samiah Al-Zaidy	Consultant: AveXis, Inc.
Gary Clark	Grant/Research Support: BioMarin
Dave Clarke	Speaker's Bureau-Self, Grant/Research Support-Self, Principle Investigator: Lundbeck and the Anderson Foundation
Darryl De Vivo	Advisor/consultant: AveXis, Biogen, Cytokinetics, Ionis Pharmaceuticals, Inc., Roche, Sarepta and the SMA Foundation
Bruce Cohen	Consultant: Stealth Biotherapeutics Research: BioElectron Technology (aka Edison) Pharma, Horizon (aka Raptor) Pharma, Reata Royalties: Elsevier
Keith Coffman	Honorarium: Tourette Association of America, Stormont Vail Hospital
Donald Gilbert	Grant/Research Support: Ecopipam Pharmaceuticals Neurocrine Pharmaceuticals, EryDel Pharmaceuticals Royalties: Elsevier
Ali Fatemi	Consultant: Vertex Pharmaceuticals, Aevi Genomic Medicine Board Member: Bluebirdbio, Inc, TEVA Pharmaceuticals, Stealth Therapeutics
Antonio Federico	Grant/Research: Sigma Tau, Takeda, Actelio

	Promotional Talk: Actelion: Niemann Pick type C disease
Amy Goldstein	Consultant: Stealth Biopeptides, Biomarin Pharmaceuticals, United Mitochondrial Disease Foundation Research: NAMDC (North American Mitochondrial Disease Consortium)
Nancy Kuntz	Research: Ionis Member of Scientific Advisory Board: Biogen
Shafali Jeste	Consultant: Roche Pharmaceuticals
Kelly Knupp	Consultant: Zogenix Pharmaceuticals, Inc
Sujatha Kannan	Co-founder: Ashvattha LLC, Orpheris Inc
Karen Keough	Speakers Bureau: Livanova (formerly Cyberonics)
Dawn Elizabeth McNeil	Research and Stock: Biogen
Bryan McGill	Spouse: Lee Biosolutions (biotech company)
Gustavo Maegawa	Research: Protalix Biotherapeutics Inc., NIH/NINDS grants Scientific Committee: Endocrinology and Metabolic Drugs Advisory Committee Meeting and Orphan Products Development Clinical Trials Grants Program Panel Review
Rebecca Lehman	Honorarium: Tourette Association of America, American Academy of Neurology Financial Support: Southeast Regional Tourette Center of Excellence.
W. Curt LaFrance	Royalties: Taking Control of Your Seizures: Workbook and Treating Nonepileptic Seizures: Therapist Guide, Oxford University Press, 2015. Editor's royalties: Gates and Rowan's Nonepileptic Seizures, Cambridge University Press, 2010 and 2017. Grant/Research: VA, Brown University and Siravo Foundation. Consultant: Cleveland Clinic, Emory University, Spectrum Health and University of Colorado, Denver.
Marc Patterson (Chair)	SAB/Consulting/honoraria: Actelion, Alexion, Amicus, Novartis, Orphazyme, Shire, Vtesse
Mustafa Sahin	Research: Novartis, Pfizer LAM Therapeutics, Roche Advisory Board: SAGE Therapeutics
Mark Sands	Consultant: BioMarin Pharmaceuticals
Lainie Ross	Stock: Spouse- General Electric, Mead-Johnson and Bristol-Meyers-Squibb
Han Phan	Research: CDC guest researcher Honoraria: Biogen, Sarepta, Marathon.
E. Steve Roach	Royalties: Elsevier Publishers
Kathryn Swoboda	Consultant: Biogen Research: Biogen
Harvey Singer	Royalties: Elsevier
William Trescher	Advisory Board: Mallinckrodt
Robert Vogt	Research: Newborn Screening Translational Research Initiative (NSTRI), CDC and the CDC Foundation.
Adeline Vanderver	Research: Illumina, Shire, Gilead, Eli Lilly Advisory Board: Shire Scientific Committees: of the MLD Foundation, Massimo Foundation, ELA, and the ULF
Keith Van Haren	Research: NIH Honoraria: Orpheris, Inc, Regenxbio, Inc, Vertex, Inc -

	Adrenoleukodystrophy, Bluebird Bio
David Urion	Consultant: American Academy of Pediatrics publication
Elaine Wirrell	Research: Zogenix
Lawrence Wrabetz	Research: Hunter's Hope Foundation Advisory Board: Charcot Marie Tooth Association Consultant: Italian Multiple Sclerosis Society Scientific Committee: National Multiple Sclerosis Society, Italian Multiple Sclerosis Society Consultant: Shire
Mary Zupanc	Honorarium: Mallinckrodt Pharmaceutical

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.

The Minnesota Medical Association designates these live activities for a maximum of 32 AMA PRA Category 1 Credit(s)™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Commercial Support:

The following companies have supported this activity with an unrestricted educational grant and have had no part in the planning or delivery process. Please indicate in the comments section of the evaluation if you detect any influence from the below organizations.

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| Agilis | Akron Children's Hospital |
| Arnold P. Gold Foundation | AveXis |
| Biogen | Bluebird Bio |
| Blue Bird Circle | Children's Mercy Kansas City |
| Eisai, Inc. | Greenwich Biosciences |
| Mallinckrodt, Inc. | PTC Therapeutics |
| Sarepta Therapeutics | Sunovion Pharmaceuticals |

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 defines "relevant financial relationships" as financial relationships in any amount occurring within the past 12 months that create a conflict of interest.