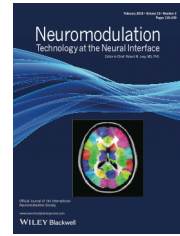


Neuromodulation Editorial Board Conflict of Interest Disclosures



Compensation Levels

- (1) \$500 - \$5,000
- (2) \$5,001- \$20,000
- (3) > \$20,000

Aviva Abosch, MD, PhD

- Consultant/Advisory Board Income: Medtronic (2)
- Education/Research Income: Medtronic (2)

Kenneth Aló, MD: Nothing to Disclose

Jeff Arle, MD, PhD, FAANS

- Consultant/Advisory Board Income: Abbott (3), Globus Medical (2)
- Education/Research Income: Boston Scientific (3), LivaNova/Cyberonics (3)

Giancarlo Barolat, MD

- Speaker Programs: Boston Scientific, Nuvectra
- Speaker Program Income: Boston Scientific (3)
- Consultant/Advisory Board Income: Boston Scientific (3)

Helen Bronte-Stewart, MD MSE: Nothing to Disclose

Eric Buchser, MD, DEAA

- Consultant/Advisory Board Income: Medtronic (1)
- Education/Research Income: Medtronic (3)

Allen Burton, MD

- Speaker Program Income: Abbott (2)
- Consultant/Advisory Board Income: Abbott (2), Jazz Pharmaceuticals (1), Spinal Modulation (1)
- Education/Research Income: Nevro (3), Abbott (3), Spinal Modulation (3), Jazz Pharmaceuticals (2)
- Stockholder Stock Value >5%: Vapogenix (company ownership- Company Founder)
- Stock Options Value: Abbott (3)
- Company Employee: Abbott
- Employee Income: Abbott (3)
- Intellectual Property / Licensing: MD Anderson/ Vapogenix- multiple licenses

Jin Woo Chang, MD, PhD: Nothing to Disclose

Jiande Chen, PhD: Nothing to Disclose

Dirk De Ridder, MD

- Speaker Program Income: Abbott (1)
- Consultant/Advisory Board Income: Abbott (2)
- Education/Research Income: Abbott (2)
- Intellectual Property / Licensing: Burst stimulation IP is licensed to Abbott

Catherine DeAngelis MD, MPH: Nothing to Disclose

Timothy Deer, MD

- Speaker/ Consultant/ Advisory Board: Abbott (3), Axonics (1), Bioness (1), Flowonix (1), Jazz Pharmaceuticals (1), SpineThera (1), Saluda Medical (1)
- Education/Research Income: Abbott (1), Mainstay, Saluda
- Stock Options Value: Axonics (2), Bioness (2), Vertos (2), Saluda, Spinethera (none)

Mike JL DeJongste MD, PhD, FESC: Nothing to Disclose

Dominique Durand PhD

- Consultant/Advisory Board Income: Boston Scientific (1),
- Stock Options Value: Boston Scientific (1)

Sohier Elneil, MBChB, PhD (Cantab.) FRCOG

- Speaker Programs: Medtronic, Axonics
- Consultant / Advisory Board: Medtronic, Axonics, Bluewind
- Education / Research: Medtronic, Axonics, Bluewind

Claudio Feler MD, FACS, FAANS, FNANS

- Other Speaker Program: SpineWave
- Speaker Program Income: Abbott (2)
- Consultant / Advisory Board: SpineWave
- Consultant/Advisory Board Income: Abbott (2)
- Education/Research Income: Abbott (2)
- Intellectual Property / Licensing: Abbott

Joseph Fins MD, MACP: Nothing to Disclose

Robert Foreman PhD

- Other Consultant / Advisory Board : W.L Gore & Associates, Inc. (so far no income has been received)
- Education/Research Income: Boston Scientific (3- Preclinical Laboratory Study)

Felipe Fregni, MD, PhD: Nothing to Disclose

Peter Goadsby, MD, PhD, DSc

- Personal fees: Allergan, eNeura Inc., Autonomic Technologies Inc., Amgen Inc., Alder Biopharmaceuticals, Pfizer Inc., Dr Reddy's Laboratories, Zosano Pharma Corporation, Colucid Pharmaceuticals, Ltd., Eli-Lilly and Company, Avanir Pharmaceuticals, WL Gore & Associates, Heptares Therapeutics, Nupathe Inc., Teva, Cipla Ltd., Ajinomoto Pharmaceuticals Co., Akita Biomedical, Wells Fargo, Ethicon, US, EMKinetics, Promius Pharma, Supernus, Trigemina Inc., MedicoLegal, Journal Watch – Editorial Work, Up-to-Date – Editorial Work
- Education / Research: Allergan, eNeura Inc, Amgen Inc.
- Stock Options: Trigemina Inc. Stock options- No product
- Intellectual Property / Licensing: Dr. Goadsby has a patent Magnetic stimulation for headache pending.

Benjamin Greenberg MD, PhD: Nothing to Disclose

Warren Grill, PhD

- Consultant / Advisory Board: GlaxoSmithKline, Cala Health, NDI Medical, SetPoint Medical, Axonic Neuromodulation
- Education / Research: GlaxoSmithKline
- Stockholder: NDI Healthcare Fund, CheckPoint Surgical, SPR Therapeutics, Deep Brain Innovations
- Stock Options: Cala Health

Robert Gross, MD, PhD

- Consultant/Advisory Board Income: Medtronic (3), Abbott (1), Sanbio, MRI Interventions (2), Neuralstem (2), Neuropace (1)
- Education/Research Income: Boston Scientific (2-to institution), Medtronic (1- to self and institution), Neuropace (3), MRI Interventions (2)

Yun Guan PhD, MD

- Education/Research Income: Medtronic (3)

Magdy Hassouna, MD, PhD

- Consultant / Advisory Board: Medtronic
- Education / Research: Medtronic

Salim Hayek, MD, PhD

- Consultant/Advisory Board Income: Boston Scientific (3), Flowonix (1), Nuvectra (2)
- Education / Research: Boston Scientific, Medtronic, Abbott

Leonardo Kapural, MD, PhD

- Speaker Program Income: Medtronic (1), Nevro (2), Abbott (2), Jazz Pharmaceuticals (1)
- Consultant/Advisory Board Income: Nevro (2), Abbott (2), Flowonix (1), Neuros (1), SPR Therapeutics (1), Saluda (2)
- Education / Research: Boston Scientific, Medtronic, Nevro, Abbott, Bioness, Spinal Modulation, StimWave, Neuros, SPR Therapeutics
- Education/Research Income: All above are research grants awarded to Center for Clinical Research, WS, North Carolina, not owned by me, but all grants were (3.)
- Stockholder Stock Value: Nevro (3), Abbott (3)
- Stock Options Value: Nevro (2), Stimwave (2)

Zelma Kiss, MD PhD: Nothing to Disclose

Charles Knowles, BChir, MA, PhD

- Speaker Program Income: Medtronic (1)
- Consultant/Advisory Board Income: Medtronic (2)
- Education/Research Income: Medtronic (3) (project not started as of 3/15/16- Intent to Fund Stage)

Kendall Lee, MD, PhD: Nothing to Disclose

Robert Levy, MD, PhD

- Consultant/Advisory Board Income: Abbott (3), Nevro (2), Nuvectra (2), Saluda (2), Mainstay(1) and Nalu (2)
- Stock Options: Bioness, Vertos and Nevro

Bengt Linderoth, MD, PhD

- Speaker Program Income: Boston Scientific (1), Medtronic (2), Abbott (1)
- Consultant/Advisory Board Income: Boston Scientific (1), Elekta AB (1)
- Education/Research Income: Abbott (1- at present, no research support from Industry)

John Loeser, MD: Nothing to Disclose

Guoming Luan, MD, PhD: Nothing to Disclose

Andre Machado, MD, PhD

- Consultant/Advisory Board Income: Abbott (3), Spinal Modulation:DSMB (3)
- Education/Research Income: Medtronic (3- fellowship support)
- Stockholder Stock Value: Autonomic Technologies (3), Cardionomics (3), Enspire (3)
- Stockholder Stock Value >5%: My wife and I are inventors and our IP is part of the intellectual property base for these companies.
- Intellectual Property / Licensing: Autonomic Technologies, Cardionomics, Enspire

Sean Mackey MD, PhD: TBD

Helen Mayberg, MD

- Consultant/Advisory Board Income: Abbott (none for 2015),
- Education / Research: Medtronic, Abbott (Device donations only. No formal grants.)
- Intellectual Property / Licensing: DBS patent, IP licensed to Abbott

Cameron McIntyre, PhD

- Consultant/Advisory Board Income: Boston Scientific (3)
- Stockholder Stock Value: Autonomic Technologies (3), Cardionomic (3); Enspire (3); Surgical Information Sciences (3); Neuros (3)

Bjorn A Meyerson, MD, PhD: Nothing to Disclose

Alon Mogilner, MD, PhD

- Consultant/Advisory Board Income: Medtronic (2), Abbott (2), Alpha Omega (2)
- Education/Research Income: Boston Scientific (3), Medtronic (3)

Martha Morrell, MD

- Stockholder: Neuropace (less than 1%)
- Stock Options: Neuropace (less than 1%)
- Company Employee: Neuropace
- Employee Income: (3)
- Intellectual Property / Licensing:

Vivian Mushahwar, PhD

- Stockholder Stock Value: Prev Biotech, Inc. (26.6%), Bio HI (100%)
- Stockholder Stock Value >5%: Prev Biotech (Inventor and Co-Founder), Bio HI (Inventor and Co-Founder)
- Intellectual Property / Licensing: (1- issued US patent), (1-filed US non-provisional patent), (1-filed US provisional patent), (2- filed PCT patents)

Karen Noblett, MD, MAS

- Speaker Program Income: Medtronic (2)
- Consultant/Advisory Board Income: Medtronic (1), Axonics (1)

Richard North, MD

- Consultant/Advisory Board Income: Algostim (1)
- Stockholder Stock Value >5%: Stimwave (3-owned by spouse)
- Intellectual Property / Licensing: 2012; 2015 multiple patents assigned to Algostim LLC
- Support to nonprofit Neuromodulation Foundation, Inc. (unpaid officer), 2007-present. Research support to Johns Hopkins University and Sinai Hospital (former employers, 1974-2013) Algostim, LLC/Greatbatch, Inc.; Boston Scientific Corp.; Medtronic, Inc.; Nevro Corp; Abbott.

Turo Nurmikko, MD, PhD

- Consultant/Advisory Board Income: Astellas (2)
- Education/Research Income: Pfizer (1)

Joseph Pancrazio, PhD: Nothing to Disclose

Erika Petersen, MD

- Consultant/Advisory Board Income: Boston Scientific (1), Medtronic (2), Abbott (2)

Julie Pilitsis, MD, PhD

- Speaker Programs: Boston Scientific, Medtronic, Abbott
- Consultant / Advisory Board: Boston Scientific, Medtronic, Abbott
- Education / Research: Receives level 3 grant support from Boston Scientific, Medtronic, Jazz Pharmaceuticals, and Abbott
- Stockholder Stock Value: 0% stock in Centauri Medical

Dejan Popovic, PhD: Nothing to Disclose

Lawrence Poree, MD PhD

- Speaker Program Income: Abbott (1)
- Consultant/Advisory Board Income: Medtronic (1), Spinal Modulation (1), Stimwave (1)
- Education/Research Income: Spinal Modulation (1)
- Stock Options: Spinal Modulation (1)

Joshua Prager, MD, MS

- Speaker Program Income: Medtronic (2)

Richard Rauck, MD

- Speaker Programs: Boston Scientific, Jazz Pharmaceuticals
- Consultant / Advisory Board: Boston Scientific, Jazz Pharmaceuticals, Pfizer
- Consultant/Advisory Board Income: Boston Scientific (3), Jazz Pharmaceuticals (2)
- Education/Research Income: Boston Scientific (3), Medtronic (3), Nevro (3), Bioness (3), Jazz Pharmaceuticals (3), MundiPharma (3), Pfizer (3)

Ali Rezai, MD

- Consultant/Advisory Board Income: Autonomic Technologies (1)
- Stockholder Stock Value: Autonomic Technologies (1)
- Stock Options Value: Autonomic Technologies (1)

Erich Richter, MD: Nothing to Disclose

Edgar Ross, MD

- Education/Research Income: Pfizer (3)

Oren Sagher, MD: Nothing to Disclose

Michael Saulino, MD, PhD

- Speaker Program Income: Medtronic (2), Jazz Pharmaceuticals (2)
- Consultant/Advisory Board Income: Medtronic (2), Jazz Pharmaceuticals (2), SPR Therapeutics (2)
- Education/Research Income: Medtronic (2), Jazz Pharmaceuticals (2), Mallinckrodt (2)

Ashwini Sharan, MD, FACS

- Stockholder Stock Value: Cerebral Therapeutics (~20% Valuation), Tiger Labs (3%)

Yoichi Shimada, MD, PhD: Nothing to Disclose

Konstantin Slavin, MD

- Consultant/Advisory Board Income: Boston Scientific (2), Medtronic (2), Nevro (2), Abbott (2), Nuvectra (2), Stimwave (2)
- Education/Research Income: Boston Scientific, Medtronic, Abbott, Autonomic Technologies, Neuros (no company provided grants- research participation only)
- Stockholder Stock Value: Stimrelieve (2), Vycor (2)

Peter Staats MD, MBA, FIPP, ABIPP

- Consultant/Advisory Board Income: Boston Scientific (1), Medtronic (1), Jazz Pharmaceuticals (1), Abbott (3), Nevro (1)
- Education / Research: Boston Scientific, Medtronic, Nevro, Abbott, Bioness, Spinal Modulation, Vertos
- Stockholder Stock Value: Electrocore (3)

Michael Stanton-Hicks, MBBS, DMED

- Consultant/Advisory Board Income: Stimwave (zero), Neuros (zero)
- Stock Options Value: Stimwave (48%), Neuros (1)

Lisa Stearns, MD

- Speaker Programs: Spinal Modulation
- Consultant / Advisory Board: Medtronic (1), Pfizer (1), Spinal Modulation (1), Integrated Care Pharmacy (CEASE) (1), Medallion Therapeutics, Inc. (1); Mallinckrodt Therapeutics, Inc. (1); Saluda Medical (1), GW Pharma (1), Proove Bioscience (1)
- Education / Research: Medtronic, Medallion Therapeutics, Inc.; Mallinckrodt Therapeutics, Inc.; Saluda Medical, GW Pharma, Proove Bioscience

Takaomi Taira, MD

- Speaker Program Income: Medtronic (1), Abbott (1)
- Consultant / Advisory Board:
- Other Consultant / Advisory Board: Abbott, Daiichi-Sankyo
- Consultant/Advisory Board Income: Daiichi-Sankyo (1)
- Education/Research Income: Abbott (2)

Rod Taylor, MSc, PhD

- Consultant/Advisory Board Income: Medtronic (3)

Simon Thomson, MBBS

- Speaker Program Income: Boston Scientific (2), Pfizer (2), Astellas (1)
- Consultant/Advisory Board Income: Boston Scientific (1), Axonics (1)
- Education/Research Income: Boston Scientific (3-to institution)

Maarten van Kleef, MD, PhD: Nothing to Disclose

Veerle Visser-Vandewalle, MD, PhD

- Speaker Program Income: Medtronic (1), Abbott (1), Boston Scientific (1)
- Consultant/Advisory Board Income: Boston Scientific (1), Medtronic (1)
- Education/Research Income: Medtronic (1), Abbott (1), Boston Scientific (1)

Eric Wassermann, MD

- Stockholder Stock Value: Pfizer (2)

Pending Disclosures

Tipu Aziz, MD, MBBS

Kim Burchiel, MD

Jaimie Henderson, MD

Jan Holsheimer, PhD

Yoichi Katayama, MD, PhD

Nagy Mekhail, MD, PhD

Bart Nuttin, MD, PhD

P. Hunter Peckham, PhD

James Rathmell, MD

Damianos Sakas, MD

Oswaldo Vilela Jr., MD, PhD