

S01 AGING AND DEMENTIA: NEUROIMAGING

Room 178

2:00 P.M. Presentation of the Potamkin Prize

Sponsored by the American Academy of Neurology, the AAN Foundation, and funded through the philanthropy of the Potamkin Family.

Recipients:

Clifford R. Jack, Jr., MD, Rochester, MN
William Klunk, MD, PhD, Pittsburgh, PA
Chester Mathis, PhD, Pittsburgh, PA

2:30 P.M. S01.003

Larger Hippocampus Protects from Dementia Despite High Alzheimer's Disease Pathological Lesion Burden *Deniz Erten-Lyons, Randal Woltjer, Hiroko Dodge, Randal Nixon, Remi Vorobik, James F. Calvert, Marjorie Leahy, Thomas Montine, Jeffrey Kaye*

2:45 P.M. S01.004

Cerebral Hypometabolism Suggesting Frontotemporal Dementia in an Alzheimer's Disease Clinical Trial *Norman L. Foster, Angela Y. Wang, Tolga Tasdizen, Kewei Chen, William Jagust, Robert A. Koeppe, Eric Reiman, Michael W. Weiner, Satoshi Minoshima*

3:00 P.M. S01.005

Neuropathological Correlates of Antemortem ¹H MR Spectroscopy in Alzheimer Disease *Kejal Kantarci, David Knopman, Dennis Dickson, Joseph Parisi, Jennifer Whitwell, Stephen Weigand, Keith Josephs, Bradley Boeve, Ronald Petersen, Clifford Jack*

3:15 P.M. S01.006

Regional Fractional Anisotropy (FA) and Cognitive Performance in Individuals with Normal and Impaired Cognition *Evan Fletcher, Bruce Reed, Sarah Farias, Owen Carmichael, Oliver Martinez, Mario Ortega, Dan Mungas, Charles DeCarli*

S02 MULTIPLE SCLEROSIS: CLINICAL TRIALS I

Room 196

2:00 P.M. S02.001

Statistical Analysis of Clinical Endpoints in Studies of Disease-Modifying Therapies for Multiple Sclerosis *Gary Cutter, Maria Sormani, Amy Pace, Hao Zhang*

2:15 P.M. S02.002

Natalizumab Utilization and Safety in Patients with Relapsing Multiple Sclerosis: Updated Results from TOUCH™ and TYGRIS *Carmen Bozic, Glyn Belcher, Mariska Kooijmans-Coutinho, Richard Kim, Robert Hyde, Frances Lynn, Michael Panzara*

2:30 P.M. S02.003

The Safety of TYSABRI® Re-Dosing and Treatment (STRATA) Study *Paul W. O'Connor, Andrew D. Goodman, Ludwig Kappos, Fred D. Lublin, Chris H. Polman, Richard Rudick, Stephanie Jurgensen, Nisha Lucas, Ayad Abdul-Ahad, Michael Panzara*

2:45 P.M. S02.004

The Efficacy of Cladribine in Relapsing-Remitting Multiple Sclerosis: Magnetic Resonance Imaging Data from a Randomized, Double-Blind, Placebo-Controlled, 18-Month, Phase II Trial *Jack C. Sipe, Jason Gardner, Ernest Beutler*

3:00 P.M. S02.005

A Phase I/II Dose Escalation Trial of Oral Vitamin D3 with Calcium Supplementation in Patients with Multiple Sclerosis *Jodie M. Burton, Samantha Kimball, Reinhold Vieth, Amit Bar-Or, Hans-Michael Dosch, Louise Thibault, Sally Kilborn, Cheryl D'Souza, Melanie Ursell, Paul O'Connor*

3:15 P.M. S02.006

Immunogenicity, Tolerability and Patient Disposition in a Randomized, Assessor-Blinded, Multicenter Study of Interferon Beta-1a and Glatiramer Acetate in Patients with Relapsing-Remitting Multiple Sclerosis: Results from the REGARD Study *Patricia K. Coyle, Frederik Barkhof, Peter Chang, Douglas R. Jeffery, Dan D. Mikol, Steven Schwid, Bettina Stubinski, Bernard M. J. Uitdehaag*

S03 PARKINSON'S DISEASE: GENETICS AND EPIDEMIOLOGY

Room 190A

2:00 P.M. Presentation of the Movement Disorders Research Award

Sponsored by the American Academy of Neurology, the Parkinson's Disease Foundation, and the AAN Movement Disorders Section, and endowed by the Parkinson's Disease Foundation.

Recipient:

Alim Benabid, MD, PhD, Grenoble, France

2:30 P.M. S03.003

Glucocerebrosidase Mutations Are Associated with 'Purer' Forms of Lewy Body Disorders *Lykourgos A. Katsakis, Rebecca Wolf, Beatriz Dorado, Jean Paul Vonsattel, Barbara M. Ross, Stanley Fahn, Lawrence Honig, Karen Marder, Lorraine Clark*

2:45 P.M. S03.004

Prospective Cohort Study of Type 2 Diabetes Mellitus and the Risk of Parkinson's Disease *Jane Driver, Tobias Kurth, Ashley E. Smith, Julie Buring, J. Michael Gaziano, Giancarlo Logroscino*

3:00 P.M. S03.005

High Prevalence of Vitamin D Deficiency in a Parkinson's Disease (PD) Cohort *Marian L. Evatt, Mahlon DeLong, Natasha Khazai, Ami Rosen, Shirley Triche, Vin Tangpricha*

3:15 P.M. S03.006

Estimating the Incidence of Parkinson's Disease: The Importance of Adjustment for Mortality *Tobias Kurth, Jane A. Driver, Giancarlo Logroscino*

S04 STROKE EPIDEMIOLOGY, RISK FACTORS, AND OUTCOMES

Room 185AB

2:00 P.M. Presentation of the Michael S. Pessin Stroke Leadership Prize

Sponsored by the American Academy of Neurology and endowed by Dr. Pessin's family, friends, and colleagues.

Recipient:

Bruce Ovbiagele, MD, Los Angeles, CA

2:15 P.M. S04.002

Longitudinal Trends in Stroke: An Analysis by Race and Gender in Tennessee *Majaz Moonis, Zahid Samad, Pamela Hull, Robert S. Levine, Baqar A. Husaini*

2:30 P.M. S04.003

Sub-Clinical Cardiovascular Disease and the Brain: More Than Meets the Eye: The Age, Gene/Environment Susceptibility – Reykjavik Study [AGES-Reykjavik Study] *Amit Sachdev, Tim M. Hughes, Sigurdur Sigurdsson, Olafur Kjartansson, Tamara B. Harris, Mark A. van Buchem, Lenore Launer*

2:45 P.M. S04.004

Plasma Asymmetric Dimethylarginine Levels Are Associated with Silent Cerebral Infarcts: The Framingham Study *Aleksandra Pikula, Rainer H. Boger, Alexa Beiser, Renke Maas, Charles DeCarli, Edzard Schwedhelm, Yangchun Du, Friedrich Schulze, Rhoda Au, Margaret Kelly-Hayes, Carlos S. Kase, Ramachandran Vasam, Philip A. Wolf, Sudha Seshadri*

3:00 P.M. S04.005

Serum Apolipoprotein B/A-1 Ratio and Progression of Carotid Intima-Media Thickness in a Population Free of Cardiovascular Disease *Nerses Sanossian, Naoko Kono, Wendy Mack, Petar Alaupovic, Howard N. Hodis*

3:15 P.M. S04.006

National Utilization of, and Outcomes Following, Craniectomy for Space Occupying Cerebral Infarction in the United States *Mustapha Ezzeddine, Praveen R. Baimeedi, Abu Nasar, M. Fareed K. Suri, Adnan I. Qureshi*

S05 MUSCULAR DYSTROPHY: CLINICAL AND GENETIC ASPECTS

Room 190B

2:00 P.M. S05.001

Genotype Analysis Predicts Dilated Cardiomyopathy in Becker Muscular Dystrophy *Rita W. Kaspar, Hugh D. Allen, Donna McCarthy, John T. Kissel, Kevin M. Flanigan, Jerry R. Mendell, Federica Montanaro*

2:15 P.M. S05.002

X-Linked Dominant Scapulothoracic Myopathy Is Due to a Mutation in the Gene Encoding Four-and-a-Half-LIM Protein 1 (FHL1) *Catarina Quinzii Hirano, Vu Tuan, Christopher K. Min, Kurenaj Tanji, Sandra Barral, Raji P. Grewal, Andrea Katta, Pili Camaro, David Otaegui, Teruhito Kunimatsu, Kirk Wilhelmssen, Lewis Rowland, Arthur Hays, Eduardo Bonilla, Michio Hirano*

2:30 P.M. S05.003

Clinical Characterization and Mapping of the Locus of a New Form of Childhood-Onset Limb-Girdle Muscular Dystrophy *Jean-Pierre Bouchard, Myriam Srour, Martine Tetreault, Isabelle Thiffault, Yves Robitaille, Michel Vanasse, Bernard Brais*

2:45 P.M. S05.004

Randomized, Double-Blind, Controlled Study To Compare Efficacy and Tolerability of Standard Daily Prednisone Regime with a Novel Intermittent High Dose Regime in Ambulant Boys with Duchenne Muscular Dystrophy *Diana Escolar, Craig McDonald, V. Viswanathan, Andrew J. Kornberg, Tulio Bertorini, Yoram Nevo, Timothy Lotze, Monique Ryan, Paula Clemens, Robert Leshner, Alan Pestronk, Lauren Morgenroth, Angela Zimmerman, Adrienne Arrieta, Erik Henricson, Jill P. T. Mayhew, Julaine Florence, Tina Duong, Lei Nei, Fenming Hu, Ana Tesi-Rocha, Anne Connolly*

3:00 P.M. S05.005

Severity of Evoked Myotonia Can Be "Dialed up or down" by Increasing or Decreasing Stimulus Train Length in Myotonic Dystrophy Type 1 (DM1) *Eric L. Logigian, Paul Twydell, Nuran Dilek, Christine Quinn, William Martens, Allen Wiegner, Charles Thornton, Richard Moxley*

3:15 P.M. S05.006

Nondystrophic Myotonic Disorders: Assessment of Myotonia and Warm-Up Phenomenon in Various Subtypes *Jaya Trivedi, Jeff Statland, Stephen Cannon, Brian Bundy, Yunxia Wang, Richard Barohn, CINCH Study Group*

S06 NEURO-ONCOLOGY

Room 176

2:00 P.M. S06.001
Bevacizumab and Chemotherapy for Recurrent Malignant Gliomas: Efficacy, Toxicity, and Recurrence Patterns *Andrew Norden, Geoffrey S. Young, Kian Setayesh, Alona Muzikansky, Roman Klufas, Gina L. Ross, Abigail S. Ciampa, Laura G. Ebbeling, Brenda Levy, Jan Drappatz, Santosh Kesari, Patrick Wen*

2:15 P.M. S06.002
Initial Radiographic Response Predicts Favorable Outcome to Chemotherapy in Primary CNS Lymphoma *Hendrik J. Pels, Annika Jürgens, Isabell Schirgens, Axel Glasmacher, Holger Schulz, Andreas Engert, Volker Diehl, Michael Linnebank, Gabriele Schackert, Heinz Reichmann, Frank Kroschinsky, Marlies Vogt-Schaden, Gerlinde Egerer, Udo Bode, Martina Deckert, Rolf Fimmers, Klaus Fliessbach, Thomas Klockgether, Ingo G. H. Schmidt-Wolf, Uwe Schlegel*

2:30 P.M. S06.003
Patterns of Care of Older Adults with Glioblastoma (GBM) *Fabio M. Iwamoto, Katherine S. Panageas, Elena B. Elkin, Yihai Liu, Lauren E. Abrey*

2:45 P.M. S06.004
The Acute Cognitive Effects of Adjuvant Chemotherapy in Women with Breast Cancer *David G. Darby, Marina Falletti, Paul Maruff, Kelly-Ann Phillips*

3:00 P.M. S06.005
Sequential Salvage Chemotherapy for Recurrent Intracranial Hemangiopericytoma *Marc C. Chamberlain, Michael J. Glantz*

3:15 P.M. S06.006
The Syndrome and Target Epitopes of Anti-NMDAR Encephalitis: A Study of 67 Patients *Josep Dalmau, Amy J. Gleichman, Jeffrey E. Rossi, Meizan Lai, Myrna R. Rosenfeld, David R. Lynch*

S07 ANTERIOR HORN: PATHOGENESIS

Room 185CD

2:00 P.M. Presentation of the Sheila Essey Award

Presented by the American Academy of Neurology and the ALS Association and supported through the philanthropy of the Essey Family Fund and the ALS Association.

Recipient:
Wim Robberecht, MD, PhD,
Leuven, Belgium

2:30 P.M. S07.003
The Zebrafish as a Novel Model To Study the Pathogenesis of ALS *Robin Lemmens, Annelies Van Hoecke, Claire Simpson, Wendy Broom, Ludo Van Den Bosch, Vincent Thijs, Peter Carmeliet, Robert Brown, Ammar Al-Chalabi, Wim Robberecht*

2:45 P.M. S07.004
TDP-43, 14-3-3 Protein and SOD1 Interact To Regulate NFL mRNA Stability – A Role for Altered RNA Metabolism in the Pathogenesis of Amyotrophic Lateral Sclerosis (ALS) *Michael Strong, Kathryn Volkening, Howard Jaffe*

3:00 P.M. S07.005
Defining UBE-1 Mutations and Ubiquitination Defects Underlying X-Linked SMA (XL-SMA) *Lisa Baumbach, Julianne Ramser, Mary Ellen Ahearn, Kemal Yariz, Barrington Burnett, Lili Wan, Gideon Dreyfuss, Kenneth Fischbeck, Alfons Meindl*

3:15 P.M. S07.006
Screening of Mouse Knockouts for Inactivated Genes That Increase Smn Protein Expression *Seokjoo Hong, Brian Zambrowicz, Greg Landes, Penny Logan, Joan Chen*

S08 HISTORY

Room 193B

2:00 P.M. Presentation of the Lawrence C. McHenry Award

Sponsored by the American Academy of Neurology.

Recipients:
George York, III, MD, FAAN, *Stockton, CA*

David Steinberg, MD, *Fiddletown, CA*

S08.001 *Hughlings Jackson's Unpublished Suggestions for the Treatment of Epilepsy* *George K. York III, David A. Steinberg*

2:30 P.M. S08.002
Motion Pictures of Vestibulospinal Responses at the University of Pennsylvania in 1918 *Douglas J. Lanska, John B. Renda, Joseph T. Lanska*

2:45 P.M. S08.003
Jean-Martin Charcot and Louis Pasteur: Sharing Fame with Grace *Christopher G. Goetz, Donald H. Harter*

3:00 P.M. S08.004
Weir Mitchell's 1859 Demonstration of "a Peculiar Contraction" Produced by a Percussion Hammer *Elan Louis*

3:15 P.M. S08.005
From Babinski to Van Gehuchten: Defense and Illustration of the "Toe Phenomenon" before 1914 *Anne P. Jeanjean, Geneviève Aubert*

S09 CLINICAL NEUROPHYSIOLOGY: PERIPHERAL METHODS

Room 186

2:00 P.M. S09.001
Uniform Slowing with Lack of Conduction Block and Temporal Dispersion May Distinguish POEMS Neuropathy from CIDP *Michelle L. Mauermann, Guillermo Suarez, Eric Sorenson, Angela Dispenzieri, P. James B. Dyck*

2:15 P.M. S09.002
Triple Stimulation Technique Improves the Detection of Conduction Block in Patients with Chronic Inflammatory Demyelinating Polyneuropathy *David Uzenot, Jean Pouget, Jerome Franques, Annie Verschuere, Jean-Philippe Azulay, Jean-Francois Pellissier, Shahram Attarian*

2:30 P.M. S09.003
Multimodal Evaluation of Peripheral Motor Nerve Excitability Properties in Diverse Peripheral Neuropathies: A Study in 70 Patients *Delphine Boerio, Alain Creange, Jean-Yves Hogrel, Jean-Pascal Lefaucheur*

2:45 P.M. S09.004
Histological Basis of the Sural Nerve for the Nerve Conduction Velocity and the Amplitude of the Compound Nerve Action Potential *Shin J. Oh, Shoji Hemmi, Yuki Hatanaka*

3:00 P.M. S09.005
Sensitivity of Additional Median-to-Ulnar Comparative Nerve Conduction Studies in Diagnosis of Mild Carpal Tunnel Syndrome *Sui-Hing Yan, Yuk-Keung Lo*

3:15 P.M. S09.006
The Trigemino-Facial Inhibitory Reflex: Standardized Recording Technique and Topodiagnostic Use *Luigi Cattaneo, Giovanni Pavesi*

S10 EPILEPSY: EPIDEMIOLOGY

Room 184CD

2:00 P.M. S10.001
Epilepsy in the Elderly: Stroke and Stroke Risk Factors *Anne C. Van Cott, Janice V. Knoefel, Dan Berlowitz, Eric Mortensen, Joyce Cramer, Mary Jo Pugh*

2:15 P.M. S10.002
Fifteen Year Interim Results from an International Observational Study of Pregnancy Outcomes Following Exposure to Lamotrigine *John Messenheimer, Marianne Cunningham*

2:30 P.M. S10.003
Factors Associated with Seizure-Freedom in Patients with IGE *Tarek Zakaria, Christopher Lindsell, Jerzy Szaflarski*

2:45 P.M. S10.004
A Prospectively Validated Hybrid Neural-Bayesian Method for Identification of Psychogenic Nonepileptic Seizure Patients Prior to Video-EEG Monitoring *Ranjeeta Mani, Ishtiaq Syed, Andreas Alexopoulos, Kenneth Loparo, Reza Jamasebi, Sheeba Rahman, Tobias Loddenkemper, John Turnbull, Tanvir U. Syed*

3:00 P.M. S10.005
Meta-Analysis of Risks of and for Recurrence of a Single, Unprovoked Seizure *David S. Gloss, Shannon McGuire*

3:15 P.M. S10.006
Economic Impact of Epilepsy in the United States: Medical Expenditure Panel Survey Data 1996-2002 *Dokyoun Yoon, Kevin Frick, Joan Austin, Deborah Carr*

SCIENTIFIC SESSIONS

TUESDAY, APRIL 15 / 3:45 P.M.–5:00 P.M.

S11 AGING AND DEMENTIA: BASIC SCIENCE/ NEUROPATHOLOGY

Room 178

3:45 P.M. S11.001
Affinity Isolation and Characterization of A β Conformer-Reactive Antibodies Contained in Human Immune Globulin (IGIV) *Brian O'Nuallain, Angela D. Williams, Luis Acero, Alan Solomon, Alfred Weber, Hartmut J. Ehrlich, Hans-Peter Schwarz*

4:00 P.M. S11.002
Temporal Lobar Predominance of TDP-43 Neuronal Cytoplasmic Inclusion Bodies in Alzheimer Disease *William Hu, Joseph Parisi, Keith Josephs, David Knopman, Bradley Boeve, Dennis Dickson, Ronald Petersen*

4:15 P.M. S11.003
Amyloid Pathology, Hippocampal Atrophy, and Episodic Memory in Normal Older People *Elizabeth C. Mormino, Jenny T. Kluth, Cindee M. Madison, Suzanne L. Baker, Amynta O. Hayenga, Gil D. Rabinovici, Ansgar Furst, Bruce Miller, William Jagust*

4:30 P.M. S11.004
Neuronal Protection Provided by Novel Benzofuran Maleimides, Which Selectively Inhibit the Glycogen Synthase Kinase 3 Isoform Beta (GSK3 β) with High Affinity: An Insight into Possible Downstream Pathways Involved in Neuroprotection *Denise L. Holzle, Irina Gaysina, Franck Gallier, Pavel Petukhov, Alan Kozikowski, Sylvie Y. Blond*

4:45 P.M. S11.005
Correlation of Clinical Features to Argrophillic Grains at Autopsy *Marwan Sabbagh, Sonny S. Sandhu, Martin Farlow, Thomas Beach, Linda Vedders, Holly Shill, John Caviness, Donald Connor, Lucia Sue, Charles Adler*

S12 MULTIPLE SCLEROSIS: CLINICAL TRIALS II

Room 196

3:45 P.M. Presentation of the John Dystel Prize for Multiple Sclerosis Research

Presented by the American Academy of Neurology and National Multiple Sclerosis Society and made possible through a special contribution from the John Dystel Multiple Sclerosis Research Fund at the National Multiple Sclerosis Society.

Recipient:
Stephen Hauser, MD,
San Francisco, CA

4:15 P.M. S12.003
Safety and Immunogenicity of a New Formulation of Interferon Beta-1a (Rebif[®] New Formulation) in a Phase IIIb Study in Patients with Relapsing Multiple Sclerosis: 96-Week Results *James Simsarian, Olga Barbarash, Florencia Casset-Semanaz, Gavin Giovannoni, John King, Luanne Metz, Gabriel Pardo, Per Soelberg Sorensen, Bettina Stubinski*

4:30 P.M. S12.004
A Phase I, Open-Label, Multicenter Study To Evaluate the Safety and Activity of Rituximab in Adults with Relapsing-Remitting Multiple Sclerosis (RRMS): 72 Week Results *Amit Bar-Or, Peter Calabresi, Douglas Arnold, Clyde Kasper, Emmanuelle Waubant, Stuart Shafer, Lloyd Markowitz, Stuart Shafer, Lloyd Kasper, Emmanuelle Waubant, Suzanne Gazda, Robert Fox, Neena Sarkar, Michael Panzara, Craig Smith*

4:45 P.M. S12.005
Oral FTY720 (Fingolimod) in Patients with Relapsing Multiple Sclerosis. 3-Year Extension Shows Sustained Low Relapse Rate and MRI Activity *Giancarlo Comi, Paul O'Connor, Xavier Montalban, Jack Antel, Ernst-Wilhelm Radu, Ana De Vera, Harald Pohlmann, Ludwig Kappos*

S13 MOVEMENT DISORDERS: GENERAL I

Room 190A

3:45 P.M. Presentation of the Jon Stolk Award in Movement Disorders

Sponsored by the American Academy of Neurology and endowed by Kyowa Pharmaceutical, Inc., Lineberry Research, Quintiles, Dr. Dennis Gillings, and VelaPharma.

Recipient:
Mark Edwards, PhD
BSc, MBBS,
London, United Kingdom

4:00 P.M. S13.002
Neuropathological Changes in Essential Tremor: A Postmortem Study of 33 Cases Compared with 21 Controls *Elan D. Louis, Phyllis L. Faust, Jean-Paul G. Vonsattel, Lawrence S. Honig, Alex Rajput, Christopher A. Robinson, Ali Rajput, Rajesh Pahwa, Kelly Lyons, Web Ross*

4:15 P.M. S13.003
Volume and Nature of Patient Telephone Calls in a Large Movement Disorders Center *Octavian R. Adam, Lesly G. Aguilar Tabora, Joseph Ferrara, Muhammad Nashatzadeh, Joseph Jankovic*

4:30 P.M. S13.004
Dysprosody in Parkinson's Disease (PD): An Acoustical Analysis on 120 Patients *Sabine Skodda, Wenke Visser, Uwe Schlegel*

4:45 P.M. S13.005
Hemispheric Differences in Glucose Metabolism during the Progression of Early Parkinson's Disease: A Longitudinal PET Study *Andrew Bauerschmidt, Chengke Tang, Andrew Feigin, Vijay Dhawan, David Eidelberg*

S14 ACUTE STROKE DIAGNOSIS AND MANAGEMENT

Room 185AB

3:45 P.M. Presentation of the Founders Award

Sponsored by the American Academy of Neurology Alliance.

Recipient:
Richard Swartz, MD, PhD
Toronto, ON, Canada

4:00 P.M. S14.002
Timing and Delivery of Acute Stroke Therapy: Do Place or Day of the Week Matter? Greater Cincinnati and Northern Kentucky Stroke Team SPOTRIAS Registry Experience *Rakesh Khatri, Dawn Kleindorfer, Jane Khoury, Pam Schmit, Irene Ewing, Edward Jauch, Pooja Khatri, Arthur Pancioli, Brett Kissela, Daniel Woo, Matthew Flaherty, Brian Stettler, Christopher Nichols, Opeolu Adeoye, Joseph Broderick*

4:15 P.M. S14.003
The Frequency of Computerized Tomography Perfusion Mismatch Is Not Different between Octogenarians and Younger Patients with Acute Ischemic Stroke *Gisele Silva, Erica Camargo, Wade Smith, Aneesh Singhal, David Greer, Hakan Ay, Michael Lev, Gordon Harris, Elkan Halpern, Lima Fabricio, Shruti Sonni, Karen Furie*

4:30 P.M. S14.004
Admission INR Correlates Inversely with Infarct Volume in Patients with Acute Ischemic Stroke *Ethem Murat Arsava, Hakan Ay, Levent Gungor, David Greer, Aneesh Singhal, Karen Furie, Walter Koroshetz, A. Gregory Sorensen*

4:45 P.M. S14.005
Association of Blood Glucose Levels with the Extent of Tissue Injury in the Hyperacute Phase of Ischemic Stroke *Mahmut E. Guro, Harold Adams, Toshio Moritani, Heena Maseri, Patricia H. Davis*

S15 CHILD NEUROLOGY

Room 190B

3:45 P.M. S15.001
Docosahexaenoic Acid Therapy in Peroxisomal Disorders: Results of a Double Blind Randomized Clinical Trial *Asif Mahmood, Breton Hong, Bria Dunham, Irene H. Maumenee, Janet S. Sunness, Ann B. Moser, Gerald Raymond*

4:00 P.M. S15.002
The Influence of Age at MS Onset on the Clinical, Laboratory, and MRI Features of MS in Children *Emily Ursel, Julia Kennedy, David Callan, Helen Branson, Manohar Shroff, Brenda Banwell*

4:15 P.M. S15.003
Screening for Inborn Errors of Metabolism (IEM) in Infants Presenting with New Onset Seizures *David Hsieh, Lateef Tarannum, Taeun Chang, William D. Gaillard*

4:30 P.M. S15.004
Memory Encoding Lateralization in Healthy Children and Adolescents *Leah Chapman, Jerod Rasmussen, Katherine Szalewski, Jennifer Vannest, Jerzy Szaflarski*

4:45 P.M. S15.005
Translational Studies of Acetate Supplementation Using Glyceryl Triacetate as a Therapeutic Approach to Canavan Disease *Chikkathur N. Madhava Rao, Peethambaran Arun, Sylvia Szucs, Githa Bhatia, Gerald Campbell, Rueben Matalon, John R. Moffett, Steven R. Mog, Kristen Hamilton, Neil Grunberg, Aryan M. A. Namboodiri*

S16 BEHAVIORAL NEUROLOGY: NEGLECT AND ATTENTION

Room 176

3:45 P.M. Presentation of the Norman Geschwind Prize in Behavioral Neurology

Sponsored by the American Academy of Neurology and the AAN Behavioral Neurology Section and endowed by Dr. Geschwind's family, friends, and colleagues; Pfizer Inc, and the Society for Behavioral and Cognitive Neurology.

Recipient:

Andrew Budson, MD
Boston, MA

4:00 P.M. S16.002
Human Parietal Reach Region: An Epicortical Field Potential Recording for Reaching *Morito Inouchi, Junya Taki, Takayuki Kikuchi, Takahiro Mitsueda, Riki Matsumoto, Nobuhiro Mikuni, Lewis Wheaton, Mark Hallett, Hidenao Fukuyama, Hiroshi Shibasaki, Ryosuke Takahashi, Akio Ikeda*

4:15 P.M. S16.003
Spatial Localization of Ischemic Regions Associated with Hemispatial Neglect in Acute Stroke *Mikolaj A. Pawlak, Vijay Kannan, Jonathan T. Kleinman, Melissa Newhart, Cameron Davis, Jennifer Heidler-Gary, Leila Gingis, Edward H. Herskovits, Argye Hillis*

4:30 P.M. S16.004
Prism Adaptation and Walking/Body Bias in Spatial Neglect *Jeffrey Kornitzer, Haresh Naringrekar, Siby Varughese, Kristen Hokenson, Anna M. Barrett*

4:45 P.M. S16.005
Effects of Experience on Reward Expectation: A TMS Study *Dimitrios Kapogiannis, Paul Campion, Jordan Grafman, Eric Wassermann*

S17 AUTONOMIC DISORDERS

Room 185CD

3:45 P.M. S17.001
Loss of A5 Noradrenergic Neurons in Multiple System Atrophy and Lewy Body Disease *Eduardo Benarroch, Ann Schmeichel, Paola Sandroni, Phillip Low, Joseph Parisi*

4:00 P.M. S17.002
Autoimmune Autonomic Failure: Successful Treatment by Total Plasma Exchange and Rituximab *Richard Imrich, Steven Vernino, Basil Eldadah, Courtney Holmes, Sandra Pechnik, LaToya Sewell, Tereza Jenkins, Oladi Bentho, David Goldstein*

4:15 P.M. S17.003
Impaired Cardiac Uptake of (123)I-metaiodobenzylguanidine in Postural Tachycardia Syndrome *Carl-Albrecht Haensch, Hartmut Lerch, Stefan Isenmann*

4:30 P.M. S17.004
Influence of Hyperadrenergic State on the Valsalva Maneuver in Postural Tachycardia Syndrome *Valeria Iodice, Nobutoshi Kawamura, Paola Sandroni, Phillip A. Low*

4:45 P.M. S17.005
Peripheral Nerve Function in Diabetic Small Fiber Neuropathy *Christopher Gibbons, Justin Centi, Thu Nguyen, Roy Freeman*

S18 NEUROLOGIC EDUCATION: EDUCATIONAL STRATEGIES AND ASSESSMENT

Room 193B

3:45 P.M. S18.001
The Script Concordance Test: A New Tool for Assessing Clinical Judgment in Neurology *Colin Chalk, Stuart H. Lubarsky, Robert Gagnon, Bernard Charlin*

4:00 P.M. S18.002
The Relationship of Medical Student Patient Encounter Logs and Clinical and Exam Performance in a Neurology Clerkship *Sharon Poisson, Douglas N. Gelb, Mary Oh, Larry Gruppen*

4:15 P.M. S18.003
Impact of a Neurology Clerkship Experience on Student Perception of Their Clinical Skills and Career Choice *Imran I. Ali, Leah White, Nabeel A. Herial, Gretchen Tietjen*

4:30 P.M. S18.004
Parnassus Integrated Student Clinical Experiences (PISCES): A Multidisciplinary Longitudinal Patient-Centered Model for Third-Year Medical Education at the University of California, San Francisco *Michelle B. Jonelis, Seunggu J. Han, Heidi Kirsch, Ann Poncelet*

4:45 P.M. S18.005
Faculty and Housestaff Reliably Differentiate Knowledge Base from Other Aspects of Students' Clinical Performance *Douglas Gelb, Joel Purkiss, Larry Gruppen*

S19 NEURO-OPHTHALMOLOGY/NEURO-OTOLOGY

Room 186

3:45 P.M. S19.001
The Spectrum of Dizziness in United States Emergency Departments: A Cross-Sectional Analysis from a Nationally Representative Sample *David E. Newman-Toker, Yu-Hsiang Hsieh, Carlos A. Camargo, Jr., Andrea J. Pelletier, Jonathan A. Edlow*

4:00 P.M. S19.002
Studying Visual Perception in Human Subjects with Intracranial Electrical Stimulation *Dona K. Murphey, Michael S. Beauchamp, John H. R. Maunsell, Daniel Yoshor*

4:15 P.M. S19.003
Idiopathic Intracranial Hypertension (IIH): Not Just a Woman's Disease *Beau Bruce, Sachin Kedar, Gregory Van Stavern, David Monaghan, Marie D. Acierno, Ronald A. Braswell, James Corbett, Nancy Newman, Valerie Biousse*

4:30 P.M. S19.004
Swelling of the Peripapillary RNFL in Optic Neuritis – Presentation, Relation to Baseline MRI and Vision, Resolution and Subsequent Thinning *Mark J. Kupersmith, Randy Kardon, Gary Mandel, Susan Anderson*

4:45 P.M. S19.005
Management of Optic Neuritis (ON) and Impact of Clinical Trials: An International Survey of 7 Countries *Valerie Biousse, Olivier Calvetti, Carolyn Drews-Botch, Edward J. Atkins, Nancy J. Newman*

S20 EPILEPSY: BASIC SCIENCE AND IMAGING

Room 184CD

3:45 P.M. Presentation of the Dreifuss-Penry Epilepsy Award

Sponsored by the American Academy of Neurology and endowed by members of the AAN Epilepsy Section; Abbott Laboratories, Inc.; Cephalon, Inc.; Cyberonics, Inc.; Elan Corporation; GlaxoSmithKline, Inc.; Novartis; Ortho-McNeil Pharmaceuticals, Inc.; Pfizer Inc.; Shire Pharmaceuticals Group; and UCB Pharma.

Recipient:

Sookyong Koh, MD, PhD
Chicago, IL

4:00 P.M. S20.002
Pharmacokinetics of IM Levetiracetam in Humans *Ilo E. Leppik, Varun Goel, John O. Rarick, James C. Cloyd*

4:15 P.M. S20.003
Dopamine D1-Like Receptor-Dependent Induction of Seizures in Relation to DARPP-32, ERK1/2 and GluR1-AMPA Signalling *Gerard J. O'Sullivan, Mark Dunleavy, Kerstin Hakansson, David T. Croke, John Drago, Gilberto Fisone, David C. Henshall, John L. Waddington*

4:30 P.M. S20.004
Peri-Ictal Diffusion Abnormalities of the Thalamus in Partial Status Epilepticus *Angelos Katramados, David Burdette, Suresh Patel, Panayiotis Mitsias*

4:45 P.M. S20.005
Language Plasticity in Adult Patients with Medically Refractory Temporal Lobe Epilepsy: An fMRI Study *Savio W. H. Wong, Lisa Jong, Frank Bihari, Seyed Mirsattari*