

ARCHIVES OF NEUROLOGY

DECEMBER 2005 VOLUME 62, NUMBER 12 PAGES 1793-1968

EDITORIAL

- New Presenilin 1 Mutation
With Alzheimer Disease and Lewy Bodies** 1808
Roger N. Rosenberg, MD

NEUROLOGICAL REVIEW

- Therapeutic Potential of Small Interfering RNA
for Central Nervous System Diseases** 1810
*Amy E. Lovett-Racke, PhD; Petra D. Cravens, PhD;
Anne R. Gocke, BS; Michael K. Racke, MD;
Olaf Stüve, MD, PhD*

SPECIAL ARTICLE

- The Challenges Facing Neurology,
Neurosurgery, and the Neurosciences** 1814
Thomas R. Swift, MD; James I. Ausman, MD, PhD

ORIGINAL CONTRIBUTIONS

- Novel Presenilin 1 Mutation (S170F) Causing
Alzheimer Disease With Lewy Bodies
in the Third Decade of Life** 1821
*B. Joy Snider, MD, PhD; Joanne Norton, MSN;
Mary A. Coats, MSN; Sumi Chakraverty, MS;
Craig E. Hou, MD; Ramiro Jervis, MD;
Corinne L. Lendon, PhD; Alison M. Goate, DPhil;
Daniel W. McKeel, Jr, MD; John C. Morris, MD*

- Intrastriatal Implantation of Human Retinal
Pigment Epithelial Cells Attached to Microcarriers
in Advanced Parkinson Disease** 1833
*Natividad P. Stover, MD; Roy A. E. Bakay, MD;
Thyagarajan Subramanian, MD; Cathy D. Raiser, RN;
Michael L. Cornfeldt, MS; Alfred W. Schweikert, PhD;
Richard C. Allen, PhD; Ray L. Watts, MD*

- Efficacy of Azathioprine on Multiple Sclerosis
New Brain Lesions Evaluated Using
Magnetic Resonance Imaging** 1843
*Luca Massacesi, MD; Alessandro Parigi, MD;
Alessandro Barilaro, MD; Anna Maria Repice, MD;
Gianni Pellicanò, MD; Angela Konze, MD;
Gianfranco Siracusa, MD; Rosanna Taiuti, MD;
Luigi Amaducci, MD*

- Fish Consumption and Cognitive Decline
With Age in a Large Community Study** 1849
*Martha Clare Morris, ScD; Denis A. Evans, MD;
Christine C. Tangney, PhD; Julia L. Bienias, ScD;
Robert S. Wilson, PhD*

- Spinal Cord Atrophy in Multiple Sclerosis
Caused by White Matter Volume Loss** 1859
*Christopher P. Gilmore, MRCP;
Gabriele C. DeLuca, BSc; Lars Bö, MD, PhD;
Trudy Owens, PhD; James Lowe, MD, FRCPath;
Margaret M. Esiri, DM, FRCPath;
Nikos Evangelou, DPhil, MRCP*

- Late-Onset Friedreich Ataxia:
Phenotypic Analysis, Magnetic Resonance
Imaging Findings, and Review of the Literature** 1865
*Roongroj Bhidayasiri, MD, MRCP(UK);
Susan L. Perlman, MD;
Stefan-M. Pulst, MD, DrMed;
Daniel H. Geschwind, MD, PhD*

- White Matter Lesions Are Prevalent
but Differentially Related With Cognition
in Aging and Early Alzheimer Disease** 1870
*Jeffrey M. Burns, MD; Jessica A. Church, BS;
David K. Johnson, PhD; Chengjie Xiong, PhD;
Daniel Marcus, PhD; Anthony F. Fotenos, BS;
Abraham Z. Snyder, MD; John C. Morris, MD;
Randy L. Buckner, PhD*

- Identification of Alzheimer Disease Risk
by Functional Magnetic Resonance Imaging** 1881
*Adam S. Fleisher, MD; Wes S. Houston, PhD;
Lisa T. Eyler, PhD; Susan Frye, APRN, BC;
Cecily Jenkins, PhD; Leon J. Thal, MD;
Mark W. Bondi, PhD*

- Clinical and Molecular Characterization
of Patients With Limb-Girdle Muscular
Dystrophy Type 21** 1894
*Chiara A. Boito, MS; Paola Melacini, MD;
Andrea Vianello, MD; Paola Prandini, PhD;
Bruno F. Gavassini, MS; Alessia Bagattin, MS;
Gabriele Siciliano, MD, PhD;
Corrado Angelini, MD;
Elena Pegoraro, MD, PhD*

Brain Morphometry, T2-Weighted Hyperintensities, and IQ in Children With Neurofibromatosis Type 1 1904
Robert S. Greenwood, MD; Larry A. Tupler, PhD; J. Kenneth Whitt, PhD; Anne Buu, PhD; Carrie B. Dombeck, BS; Amanda G. Harp; Martha E. Payne, MPH, RD; James D. Eastwood, MD; K. Ranga R. Krishnan, MD; James R. MacFall, PhD

OBSERVATIONS

Central Nervous System Involvement in Hereditary Neuropathy With Liability to Pressure Palsies: Description of a Large Family With This Association 1911
Jordi Sanahuja, MD; Elena Franco, MD; Ricardo Rojas-Garcia, MD; Eduard Gallardo, PhD; Onofre Combarros, MD; Robert Begué, MD; Pilar Granés, MD; Isabel Illa, MD

Subclavian Artery Dissection and Triple Infarction of the Nervous System 1917
Mandeep Garewal, MD; John B. Selhorst, MD

Clinical and Molecular Features of Encephalomyopathy Due to the A3302G Mutation in the Mitochondrial tRNA^{Leu(UUR)} Gene 1920
Wendy M. Hutchison, BAppSci; Dominic Thyagarajan, MD, PhD; Joanna Poulton, MD, PhD; David R. Marchington, PhD; Denise M. Kirby, PhD; Shehnaaz S. M. Manji, PhD; Hans-Henrik M. Dahl, PhD

HYPOTHESIS

Sturge-Weber Syndrome Associated With Other Abnormalities: A Medical Record and Literature Review 1924
Anne M. Comi, MD; Paulomi Mehta; Laura A. Hatfield, BS; Michael M. Dowling, MD, PhD

IMAGES IN NEUROLOGY

Sturge-Weber Syndrome and Accompanying Dyke-Davidoff-Masson Syndrome 1928
Shawn A. Corey, MD, PhD; Cormac A. O'Donovan, MD

Relapsing Focal Myositis: The Localization Detected by Gallium Citrate Ga 67 Scintigraphy 1930
Tatsuro Misu, MD, PhD; Maki Tateyama, MD, PhD; Ichiro Nakashima, MD, PhD; Yusei Shiga, MD, PhD; Kazuo Fujihara, MD, PhD; Yasuto Itoyama, MD, PhD

HISTORY OF NEUROLOGY: SEMINAL CITATION

Uncal Herniation 1932
Boby Varkey Maramattom, MD, DM; Elco F. M. Wijdicks, MD

BOOK REVIEWS

Multiple Sclerosis as a Neuronal Disease 1936
Olaf Stüve, MD; Wei Hu, MD

Mechanism and Management of Headache, 7th ed 1937
Noah L. Rosen, MD

CORRESPONDENCE

What Is Deep Brain Stimulation “Failure” and How Do We Manage Our Own Failures? 1938
Marwan I. Hariz, MD, PhD

In Reply 1938
Michele Tagliati, MD; Ron Alterman, MD; Michael S. Okun, MD; Hubert H. Fernandez, MD; Ramon L. Rodriguez, MD; Kelly D. Foote, MD; Michael Pourfar, MD; Sharon Metz; Ruth Hagestuen

Bread-and-Butter in Diagnosis of Myasthenia Gravis 1939
Alice Y. K. Chan, MRCP; David T. L. Liu, MRCS

In Reply 1939
James B. Caress, MD; Christopher H. Hunt, MD

Otitic Hydrocephalus 1940
Jerzy Kuczkowski, MD; Waldemar Narozny, MD; Boguslaw Mikaszewski, MD

In Reply 1940
E. S. Roach, MD

REGULAR DEPARTMENTS

This Month in Archives of Neurology 1803

Announcements 1804, 1853, 1862, 1914, 1919, 1923, 1929, 1935

Online CME Article 1843

Calendar 1941

Index for This Volume 1942

Classified Advertising 1966

Journal Advertiser Index 1967

Contact Information 1968

Instructions for Authors are available on our Web site at www.archneurolog.com. If you do not have access to the Web, contact Yeong-Hee Shin at (214) 648-9383.