EDITORIAL
Genetics of Charcot-Marie-Tooth Disease 481
David E. Pleasure, MD

NEUROLOGICAL REVIEW
Neurologic Complications of Anthrax: A Review of the Literature 483
Michael Andrew Meyer, MD

NEUROLOGY AND PUBLIC HEALTH
Smallpox, Bioterrorism, and the Neurologist 489
Dennis J. Cleri, MD; Francisco J. Villota, MD; Richard B. Porwancher, MD

BASIC SCIENCE SEMINARS IN NEUROLOGY
M-Channels: Neurological Diseases, Neuromodulation, and Drug Development 496
Edward C. Cooper, MD, PhD; Lily Y. Jan, PhD

SPECIAL ARTICLE
Screening for Mutations in the MECP2 (Rett Syndrome) Gene in Gilles de la Tourette Syndrome 502
Alberto L. Rosa, MD, PhD; Joseph Jankovic, MD; Tetsuo Ashizawa, MD

ORIGINAL CONTRIBUTIONS
Vaccinations and Risk of Central Nervous System Demyelinating Diseases in Adults 504
Frank DeStefano, MD, MPH; Thomas Verstraeten, MD; Lisa A. Jackson, MD, MPH; Catherine A. Okoro, MS; Patti Benson, MPH; Steven B. Black, MD; Henry R. Shinefield, MD; John P. Mullooly, PhD; William Likosky, MD, MA; Robert T. Chen, MD; for the Vaccine Safety Datalink Research Group

Reduction in Levels of 24S-Hydroxycholesterol by Statin Treatment in Patients With Alzheimer Disease 510
Gloria Lena Vega, PhD; Myron F. Weiner, MD; Anne M. Lipton, MD; Klaus von Bergmann, MD; Dieter Lütjohann, PhD; Carol Moore, MS; Doris Svetlik, RN, MS

Chronic Parkinsonism Associated With Cirrhosis: A Distinct Subset of Acquired Hepatocerebral Degeneration 521
Pierre R. Burkhard, MD; Jacqueline Delavelle, MD; Renaud Da Pasquier, MD; Laurent Spahr, MD

Parkinson Disease With Old-Age Onset: A Comparative Study With Subjects With Middle-Age Onset 529
Nico J. Diedrich, MD; Charity G. Moore, MSPH, PhD; Sue E. Leurgans, PhD; Teresa A. Chmura, BS; Christopher G. Goetz, MD

Parkinsonianlike Signs and Risk of Incident Alzheimer Disease in Older Persons 539
Robert S. Wilson, PhD; Julie A. Schneider, MD; Julia L. Bienias, ScD; Denis A. Evans, MD; David A. Bennett, MD

Identifying the Pattern of Olfactory Deficits in Parkinson Disease Using the Brief Smell Identification Test 545
Kay L. Double, PhD; Dominic B. Rowe, PhD; Michael Hayes, FRACP; Daniel K. Y. Chan, MD; Jeff Black, FRACP; Alastair Corbett, FRACP; Ronald Joffe, FRACP; Victor S. Fung, PhD; John Morris, DM; Glenda M. Halliday, PhD
A Clustering of Conjugal Amyotrophic Lateral Sclerosis in Southeastern France
Philippe Corcia, MD, PhD; Helene-Farnase Jafari-Schluep, MD; Dominique Lardillac, MD; Hassan Mazyad, MD; Pieric Giraud, MD; Pierre Clavelou, MD, PhD; Jean Pouget, MD; William Camu, MD, PhD

Cognitive Performance and Magnetic Resonance Imaging Findings After High-Dose Systemic and Intraventricular Chemotherapy for Primary Central Nervous System Lymphoma
Klaus Fliessbach; Horst Urbach, MD; Christoph Helmsstaedter, PhD; Hendrik Pels, MD; Axel Glasmacher, MD; Jürgen A. Kraus, MD; Thomas Klockgether, MD; Ingo Schmidt-Wolf, MD; Uwe Schlegel, MD

Vascular Dementia in a Population-Based Autopsy Study
David S. Knopman, MD; Joseph E. Parisi, MD; Bradley F. Boeve, MD; Ruth H. Cha, MS; Hulya Apaydin, MD; Alessandro Salvati, MD; Steven D. Edland, PhD; Walter A. Rocca, MD, MPH

Five-Year Follow-up of Cognitive Impairment With No Dementia
Holly Tuokko, PhD; Robert Frerichs, MSc; Janice Graham, PhD; Kenneth Rockwood, MD; Betsy Krstijanssan, PhD; John Fisk, PhD; Howard Bergman, MD; Al Kozma, PhD; Ian McDowell, PhD

Poststroke Dementia: Influence of Hippocampal Atrophy
Marie-Anne Cordoliani-Mackowiak, MD; Hilde Henon, MD, PhD; Jean-Pierre Pruvo, MD; Florence Pasquier, MD, PhD; Didier Leys, MD

Evidence of Oxidative Stress in Familial Amyloidotic Polyneuropathy Type 1
Mónica L. Fiszman, MD; Marianna Di Egidio, MD; Karina C. Ricart, MSc; Marisa G. Repetto, PhD; Laura N. Borodinsky, PhD; Susana F. Llesuy, PhD; Roberto D. Saizar, MD; Andres M. Villa, MD; Nestor Katz, MD; Javier C. Lendoiro, MD; Roberto E. P. Sica, MD

Phenotypical Features of a Moroccan Family With Autosomal Recessive Charcot-Marie-Tooth Disease Associated With the S194X Mutation in the GADAP1 Gene
Nazha Birouk, MD; Hamid Azzedine, PhD; Odile Dubourg, MD; Marie-Paule Muriel, PhD; Ali Benomar, MD; Tariq Hamadouche, PhD; Thierry Maisonneve, MD; Reda Ouazzani, MD; Alexis Brice, MD; Mohamed Yahyaoui, MD; Taib Chkili, MD; Eric Le Guern, MD, PhD

Transient, Recurrent, White Matter Lesions in X-linked Charcot-Marie-Tooth Disease With Novel Connexin 32 Mutation
C. Oliver Hanemann, MD; Carsten Bergmann, MD; Jan Senderek, MD; Klaus Zerres, MD; Ann-Dorte Sperfeld, MD

Phenotypes of Spinocerebellar Ataxia Type 6 and Familial Hemiplegic Migraine Caused by a Unique CACNA1A Missense Mutation in Patients From a Large Family
Isabel Alonso, BSc; José Barros, MD; Assunção Tuna, MD; João Coelho, BSc; Jorge Sequeiros, MD, PhD; Isabel Silva, PhD; Paula Coutinho, MD, PhD

Surgical Induction of Zoster in a Contralateral Homologous Dermatomal Distribution
Donald H. Gilden, MD; Richard I. Katz, MD

Dopa-Responsive Dystonia and Tourette Syndrome in a Large Danish Family
Anne Romstad, PhD; Erik Dupont, MD; Bente Krug-Olsen, MD; Karen Østergaard, MD, PhD; Per Guldberg, PhD; Flemming Güttler, MD, PhD

Tortuous Basilar Artery as Cause of Hemifacial Spasm
Daniel C. Garibaldi, MD; Neil R. Miller, MD

Cyclooxygenases in Central Nervous System Diseases: A Special Role for Cyclooxygenase 2 in Neuronal Cell Death
Steven H. Graham, MD, PhD; Robert W. Hickey, MD
Cyclooxygenases and Central Nervous System Inflammation: Conceptual Neglect of Cyclooxygenase 1
Jan M. Schwab, MD; Hermann J. Schluesener, MD, PhD

Similar Enzymes, Different Mechanisms: COX-1 and COX-2 Enzymes in Neurologic Disease
Steven T. DeKosky, MD

HISTORY OF NEUROLOGY: SEMINAL CITATION
Focal Cortical Dysplasia
Maria Augusta Montenegro, MD

BOOK REVIEWS
Multiple Sclerosis: Current Status and Strategies for the Future
Michael K. Racke, MD

Cerebral Vasospasm
H. Hunt Batjer, MD

CORRESPONDENCE
Human Herpesvirus 6 in Serum and Spinal Fluid of Patients With Multiple Sclerosis?
Robert Beck, MD; Heinz Wiendl, MD; Gerhard Jahn, MD; Arthur Melms, MD; Frank Neipel, MD

In Reply
Roberto Álvarez-Lafuente, MD; Virginia de las Heras, PhD; Rafael Arroyo, MD

Improving Hand Function in Chronic Stroke: Topography of the Lesion and Role of the Corpus Callosum
Iraj Derakhshan, MD

In Reply
Wolf Muellbacher, MD; Mark Hallett, MD

Unexplained Sudden Amnesia, Postencephalitic Parkinson Disease, Subacute Sclerosis Panencephalitis, and Alzheimer Disease: Does Viral Synergy Produce Neurofibrillary Tangles?
Melvyn J. Ball, MD, FRCPC

REGULAR DEPARTMENTS
This Month in Archives of Neurology
Calfor Papers
CME Announcement
Calendar
Physician Marketplace
Index to Advertisers
Contact Information

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