Research

Transdermal Myelin Peptides in Multiple Sclerosis Treatment 1105
Walczak and colleagues assess the safety and efficacy of transdermally applied myelin peptides in patients with relapsing-remitting multiple sclerosis.
Related Editorial 1100

Rituximab in Neuromyelitis Optica 1110
Kim and coauthors report the results of rituximab treatment in patients with relapsing neuromyelitis optica or neuromyelitis optica spectrum disorder for a median of 60 months.
Related Editorial 1102

AQP4 Expression and Tissue Susceptibility to NMO 1118
Matiello and colleagues evaluate tissue-specific messenger RNA and protein expression and supramolecular aggregation of aquaporin 4 (AQP4) in mouse, rat, and human tissues in an effort to understand the predilection for optic nerve and spinal cord pathologic changes in neuromyelitis optica (NMO).

Prehospital Triage to Primary Stroke Centers 1126
Prabhakaran and colleagues evaluate the impact that a citywide policy recommending prehospital triage of patients with suspected stroke to the nearest primary stroke center had on intravenous tissue plasminogen activator use in Chicago, Illinois.

Psychiatric Episodes in Anti-NMDAR Encephalitis 1133
Kayser and coauthors determine the frequency, symptoms, and outcome of isolated psychiatric episodes in a cohort of patients with anti-N-methyl-D-aspartate (NMDAR) encephalitis.

Cell Surface Antibodies in Stiff Person Syndrome 1140
Chang and colleagues investigate the characteristics and potential pathogenicity of glutamic acid decarboxylase autoantibodies in patients with stiff person syndrome and related disorders.

Genomics of Alzheimer Disease Neuritic Plaque Pathology 1150
Shulman and colleagues investigate whether Alzheimer disease susceptibility loci from genome-wide association studies affect neuritic plaque pathology and additionally aim to identify novel risk loci for this trait.

LETTERS

Research Letter 1198 Relationship Between Cyclophilin A Levels and Matrix Metalloproteinase 9 Activity in Cerebrospinal Fluid of Cognitively Normal Apolipoprotein E4 Carriers and Blood-Brain Barrier Breakdown

Comment and Response 1200 Should CLIPPERS Be Considered a Prelymphoma State or a New Inflammatory Disease?

Correction 1201
Seizure/Epileptiform Activity in Alzheimer Disease

Vossel and coauthors describe common clinical characteristics and treatment outcomes of patients with amnestic mild cognitive impairment or early Alzheimer disease who also have epilepsy or subclinical epileptiform activity.

Author Audio Interview jamaneurology.com

Insulin Resistance and Alzheimer Disease Pathology

Thambisetty and colleagues investigate the association between glucose intolerance and insulin resistance and in vivo brain β-amyloid burden, measured with carbon 11-labeled Pittsburgh Compound B and pathological features of Alzheimer disease at autopsy.

Clinical Review & Education

Next-Generation Phenotyping

Using 15 years' experience with parkin-associated Parkinson disease, Grünewald and colleagues evaluate type, quality, and quantity of genetic and phenotypic data and elucidate clinical or genetic features impacting genetic testing and counseling.