



➔ Cover Image

Scatter-dot plot representing the correlation between CSF PDGFR β and age. Cognitively unimpaired, mild cognitive impairment, and dementia patients are shown in blue, green, and red, respectively. Stylized by Kaitlyn Aman Ramm, Senior Digital Multimedia/Graphics Coordinator.

See page 18

Acknowledgment to Reviewers

1 Message From the Editors to Our Reviewers

J.G. Merino, O. Ciccarelli, B.B. Worrall, W.W. Aamodt, A.A. Amato, R. Burch, P. Hedera, L.A. Hershey, B.C. Jobst, A.C. Kunchok, A.L.C. Schneider, and C.J. Wusthoff

Editorials

8 The Mismeasure of Change: Better Cognitive Measurement Instruments Are Urgently Needed for Multiple Sclerosis Research

V.M. Leavitt

10 Measuring Gait to Monitor Cognitive Function in Older Adults: An Important Step in the Right Direction

O.-Y. Lo and B. Manor

Research Articles: Short Format

Full articles at [Neurology.org/N](https://www.neurology.org/N)

12 Longitudinal Changes in Cognitive Test Scores in Patients With Relapsing Remitting Multiple Sclerosis: An Analysis of the DECIDE Dataset

N. Castrogiovanni, J. Mostert, P. Repovic, J.D. Bowen, B.M.J. Uitdehaag, E.M.M. Srijbis, G.R. Cutter, and M.W. Koch

 CME Course  Editorial, p. 8

14 Development of a Gait Feature–Based Model for Classifying Cognitive Disorders Using a Single Wearable Inertial Sensor

J. Park, H.J. Lee, J.S. Park, C.H. Kim, W.J. Jung, S. Won, J.B. Bae, J.W. Han, and K.W. Kim

 Class of Evidence  Editorial, p. 10

16 Genetic Moderation of the Association of β -Amyloid With Cognition and MRI Brain Structure in Alzheimer Disease

P.S. Insel, A. Kumar, O. Hansson, and N. Mattsson-Carlgen, for the Alzheimer's Disease Neuroimaging Initiative

 OPEN ACCESS

18 Associations of CSF PDGFR β With Aging, Blood-Brain Barrier Damage, Neuroinflammation, and Alzheimer Disease Pathologic Changes

C. Cicognola, N. Mattsson-Carlgen, D. van Westen, H. Zetterberg, K. Blennow, S. Palmqvist, K. Ahmadi, O. Strandberg, E. Stomrud, S. Janelidze, and O. Hansson

 OPEN ACCESS

20 Association of APOE- ϵ 4, Osteoarthritis, β -Amyloid, and Tau Accumulation in Primary Motor and Somatosensory Regions in Alzheimer Disease

J. Du, A. Li, D. Shi, X. Chen, Q. Wang, Z. Liu, K. Sun, and T. Guo, for the Alzheimer's Disease Neuroimaging Initiative

22 CSF Synaptic Biomarkers in AT(N)-Based Subgroups of Lewy Body Disease

L. Barba, S. Abu-Rumeileh, S. Halbgebauer, G. Bellomo, F. Paolini Paoletti, L. Gaetani, P. Oeckl, P. Steinacker, F. Massa, L. Parnetti, and M. Otto

 Class of Evidence

24 Associations of Enlarged Perivascular Spaces With Brain Lesions, Brain Age, and Clinical Outcomes in Chronic Traumatic Brain Injury

A.J. Hicks, B. Sinclair, S.R. Shultz, W. Pham, L.C. Silbert, D.L. Schwartz, C.C. Rowe, J.L. Ponsford, M. Law, and G. Spitz

26 Effects of Season and Daylight Saving Time Shifts on Sleep Symptoms: Canadian Longitudinal Study on Aging

S. Zolfaghari, M. Cyr, A. Pelletier, and R.B. Postuma

 Infographic  CME Course

28 Association of Copresence of Pathogenic Variants Related to Amyotrophic Lateral Sclerosis and Prognosis

A. Chiò, C. Moglia, A. Canosa, U. Manera, M. Grassano, R. Vasta, F. Palumbo, S. Gallone, M. Brunetti, M. Barberis, F. De Marchi, C. Dalgard, R. Chia, G. Mora, B. Iazzolino, L. Peotta, B.J. Traynor, L. Corrado, S. D'Alfonso, L. Mazzini, and A. Calvo

 OPEN ACCESS

Contemporary Issues in Practice, Education, & Research

30 Challenges to Brain Death in Revising the Uniform Determination of Death Act: The UDDA Revision Series

J.L. Bernat

➔ Ahead of Print Articles and Editorials

[Npub.org/aheadofprint](https://www.npub.org/aheadofprint)

Continued

Clinical/Scientific Notes**38 Potential Utility of Plasma P-Tau and Neurofilament Light Chain as Surrogate Biomarkers for Preventive Clinical Trials**

P.C.L. Ferreira, J.P. Ferrari-Souza, C. Tissot, B. Bellaver, D.T. Leffa, F. Lussier, G. Povala, J. Therriault, A.L. Benedet, N.J. Ashton, A.D. Cohen, O.L. Lopez, D.L. Tudorascu, W.E. Klunk, J.-P. Soucy, S. Gauthier, V. Villemagne, H. Zetterberg, K. Blennow, P. Rosa-Neto, E.R. Zimmer, T.K. Karikari, and T.A. Pascoal, for the Alzheimer's Disease Neuroimaging Initiative

OPEN ACCESS

Resident & Fellow Section**46 Pearls & Oysters: Paroxysmal Exercise-Induced Dyskinesias Due to Pyruvate Dehydrogenase Deficiency**

C.M. de Gusmao, I. Peixoto de Barcelos, A.L.R. Pinto, and L. Silveira-Moriyama

**e94 Clinical Reasoning: A 40-Year-Old Woman Presenting With Encephalopathy and Paraparesis**

A.-A. AlSabah, V. Brissette, and R.D. Altman

e99 Teaching NeuroImage: Bloomy Rind Sign of Leptomeningeal Carcinomatosis

X. Liu, C. Tan, Y. Zhu, S. Li, H. Lai, F. Deng, and L. Chen

e101 Teaching NeuroImage: Reversible Splenial Lesion Syndrome in a 43-Year-Old Man With Intracerebral Hemorrhage

T. Yang, J. Lu, and X. Liu

Disputes & Debates: Editors' Choice**50 Editors' Note: SARS-CoV-2 Vaccination Safety in Guillain-Barré Syndrome, Chronic Inflammatory Demyelinating Polyneuropathy, and Multifocal Motor Neuropathy**

A. Ganesh and S. Galetta

50 Reader Response: SARS-CoV-2 Vaccination Safety in Guillain-Barré Syndrome, Chronic Inflammatory Demyelinating Polyneuropathy, and Multifocal Motor Neuropathy

C.E. Harth

51 Author Response: SARS-CoV-2 Vaccination Safety in Guillain-Barré Syndrome, Chronic Inflammatory Demyelinating Polyneuropathy, and Multifocal Motor Neuropathy

A.E. Baars, P.A. Van Doorn, B.C. Jacobs, and K. Kuitwaard

Corrections**52 Presymptomatic Lesion in Childhood Cerebral Adrenoleukodystrophy: Timing and Treatment****52 Spatial-Temporal Patterns of β -Amyloid Accumulation: A Subtype and Stage Inference Model Analysis****Correction & Replacement****52 Natural History Study of *STXBPI*-Developmental and Epileptic Encephalopathy Into Adulthood****Department**

In the Next Issue of *Neurology*[®]

Announcing...**Child Neurology: A Case-Based Approach
Cases From the Neurology[®] Resident & Fellow Section**

This collaboration between the American Academy of Neurology (AAN) and the Child Neurology Society (CNS) represents a collection of reprinted cases from the past 15 years from the Neurology Resident & Fellow Section.

An invaluable resource for both adult and pediatric neurologists and trainees! FREE download: [Npub.org/cnbook](https://www.npub.org/cnbook)

Neurology®

101 (1)
Neurology 2023;101:e101-52

This information is current as of January 1, 2023

Updated Information & Services	including high resolution figures, can be found at: http://n.neurology.org/content/101/1.full
Permissions & Licensing	Information about reproducing this article in parts (figures, tables) or in its entirety can be found online at: http://www.neurology.org/about/about_the_journal#permissions
Reprints	Information about ordering reprints can be found online: http://n.neurology.org/subscribers/advertise

Neurology® is the official journal of the American Academy of Neurology. Published continuously since 1951, it is now a weekly with 48 issues per year. Copyright . All rights reserved. Print ISSN: 0028-3878. Online ISSN: 1526-632X.

