

➔ **Cover Image**

Locations of the 6 unique *de novo* *KCNH5* missense variants in patients with developmental and epileptic encephalopathies mapped onto the crystal structure of homotetrameric assembly of Kv10.1. Stylized by Kaitlyn Aman Ramm, Senior Digital Multimedia/Graphics Coordinator.

See page 284

Editorials

- 267 **Tumor Necrosis Factor α Blockers and the Risk of Multiple Sclerosis**
E.M.M. Strijbis and M.W. Koch
- 269 **Food Security and Cognition**
S.M. Albert
- 271 **New Insight in Causal Pathways Following Subcortical Stroke: From Correlation to Causation**
B. Roy and R.S. Marshall
- 273 **Deferral of Consent in Randomized Clinical Trials of Acute Stroke: Ethical, Methodologic, and Practical Challenges**
D.W.J. Dippel and S.J. Warach

Research Articles: Short Format

Full articles at Neurology.org/N

- 276 **Risk of Multiple Sclerosis Among Users of Antitumor Necrosis Factor α in 4 Canadian Provinces: A Population-Based Study**
L. Li, J.A. Aviña-Zubieta, C.N. Bernstein, G.G. Kaplan, H. Tremlett, H. Xie, J.-N. Peña-Sánchez, R.A. Marrie, and M. Etminan
📄 Editorial, p. 267
- 278 **Inflammatory Diseases, Inflammatory Biomarkers, and Alzheimer Disease: An Observational Analysis and Mendelian Randomization**
J. Huang, B. Su, V. Karhunen, D. Gill, V. Zuber, A. Ahola-Olli, S. Palaniswamy, J. Auvinen, K.-H. Herzig, S. Keinänen-Kiukkaanniemi, M. Salmi, S. Jalkanen, T. Lehtimäki, V. Salomaa, O.T. Raitakari, P.M. Matthews, P. Elliott, K.K. Tsilidis, M.-r. Jarvelin, I. Tzoulaki, and A. Dehghan
OPEN ACCESS 📄 Null Hypothesis

- 280 **Association of Regional Atrophy With Naming Decline in Primary Progressive Aphasia**
B.L. Breining, A.V. Faria, D.C. Tippett, M.D. Stockbridge, E.L. Meier, B. Caffo, O. Hermann, R. Friedman, A. Meyer, K. Tsapkini, and A.E. Hillis
OPEN ACCESS
- 282 **Association Between Supplemental Nutrition Assistance Program Use and Memory Decline: Findings From the Health and Retirement Study**
P. Lu, K. Kezios, J. Lee, S. Calonic, C. Wimer, and A. Zeki Al Hazzouri
📄 CME Course 📄 Editorial, p. 269
- 284 **Neurodevelopmental and Epilepsy Phenotypes in Individuals With Missense Variants in the Voltage-Sensing and Pore Domains of *KCNH5***
H.C. Happ, L.G. Sadleir, M. Zemel, G. de Valles-Ibáñez, M.S. Hildebrand, A. McConkie-Rosell, M. McDonald, H. May, T. Sands, V. Aggarwal, C. Elder, T. Feyma, A. Bayat, R.S. Møller, C.D. Fenger, J.E. Klint Nielsen, A.N. Datta, K.M. Gorman, M.D. King, N.D. Linhares, B.K. Burton, A. Paras, S. Ellard, J. Rankin, A. Shukla, P. Majethia, R.J. Olson, K. Muthusamy, L.A. Schimmenti, K. Starnes, L. Sedláčková, K. Štěrbová, M. Vlčková, P. Laššuthová, A. Jahodová, B.E. Porter, N. Couque, E. Colin, C. Prouteau, C. Collet, T. Smol, R. Caumes, F. Vansenne, F. Bisulli, L. Licchetta, R. Person, E. Torti, K. McWalter, R. Webster, E.E. Gerard, G. Lesca, P. Szepietowski, I.E. Scheffer, H.C. Mefford, and G.L. Carvill
- 286 **Pathway-Specific Mediation Effect Between Structure, Function, and Motor Impairment After Subcortical Stroke**
Q. Yu, D. Yin, M. Kaiser, G. Xu, M. Guo, F. Liu, J. Li, and M. Fan
📄 Editorial, p. 271
- 288 **Association of Perfusion Lesion Variables With Functional Outcome in Patients With Mild Stroke and Large Vessel Occlusion Managed Medically**
P. Wang, W. Chen, C. Chen, A. Bivard, G. Yu, M.W. Parsons, and L. Lin, on behalf of INSPIRE
📄 CME Course
- 290 **Relationship of Impairments in Associative Learning With Intellectual Disability and Cerebellar Hypoplasia in Autistic Children**
J.P. Welsh, J. Munson, T.S. John, C.N. Meehan, E. Tran Abraham, F.B. Reitz, K.K. Begay, S.R. Dager, and A.M. Estes

Research Methods in Neurology

- 292 **Protocol for Deferral of Consent in Acute Stroke Trials**
H. Faris, B. Dewar, M. Fedyk, D. Dowlatshahi, B. Menon, R.H. Swartz, M.D. Hill, and M. Shamy
OPEN ACCESS 📄 Editorial, p. 273

➔ **Ahead of Print Articles and Editorials**

NPub.org/aheadofprint

Continued

Resident & Fellow Section

301 **Clinical Reasoning: A 12-Year-Old Girl With Acute-Onset Diplopia, Dizziness, and Upbeat Nystagmus**
G. Chenji, M.P. Figgie, M. Rondinelli, H. Ticku, and N. Fotedar

307 **Teaching NeuroImage: Mobile Hypopyon as a Clinical Clue for the Diagnosis of Behçet Disease**
I.M. de Almeida, F.M. Rezende Filho, J.L. Pedroso, and O. Barsottini

Disputes & Debates: Editors' Choice

309 **Editors' Note: Frequency of Asymptomatic Optic Nerve Enhancement in a Large Retrospective Cohort of Patients With Aquaporin-4+ NMOSD**
A. Lewis and S. Galetta

309 **Reader Response: Frequency of Asymptomatic Optic Nerve Enhancement in a Large Retrospective Cohort of Patients With Aquaporin-4+ NMOSD**
S. Cao, Y. Zhu, Q. Xue, and M. Xia

310 **Author Response: Frequency of Asymptomatic Optic Nerve Enhancement in a Large Retrospective Cohort of Patients With Aquaporin-4+ NMOSD**
J. Chen and S. Shah

311 **Editors' Note: Teaching Video NeuroImage: Bilateral Hemifacial Spasm in Giant Cell Arteritis**
A. Lewis and S. Galetta

311 **Reader Response: Teaching Video NeuroImage: Bilateral Hemifacial Spasm in Giant Cell Arteritis**
W. Cornblath and E. Eggenberger

311 **Author Response: Teaching Video NeuroImage: Bilateral Hemifacial Spasm in Giant Cell Arteritis**
E. Sechi, G. Defazio, G.L. Erre, and P. Solla

Department

In the Next Issue of *Neurology*[®]


Visit the *Neurology*[®] Resident & Fellow Website

Click on Residents & Fellows tab at Neurology.org.

Now offering:

- *Neurology* Resident & Fellow Editorial team information
- “Search by subcategory” option
- E-Pearl of the Week
- Direct links to Career Planning and AAN Resident & Fellow Pages
- Recently published Resident & Fellow articles
- Commentaries by Editors and Resident & Fellow team members

 Find *Neurology* Residents & Fellows Section on Facebook: facebook.com/AANResidentsAndFellows

 Follow *Neurology* on Twitter: @GreenJournal #NeurologyRF

 Find *Neurology* Residents & Fellows Section on Instagram: @aanbrain #NeurologyRF

Neurology®

100 (6)

Neurology 2023;100:e627-312

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/100/6.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.

