

BRAIN

A JOURNAL OF NEUROLOGY

Volume 143 Part 6 June 2020

Editorial

1617 Editorial. *D. M. Kullmann*

Scientific Commentaries

- 1618 Inhibiting an inhibitor: a decoy to recover dexterity after spinal cord injury. *E. J. Bradbury and R. Oliveira*
- 1622 Synaptic autoimmunity: new insights into LGII antibody-mediated neuronal dysfunction. *A. Zekeridou and S. J. Pittock*
- 1625 Unravelling the mechanisms of blood–brain barrier dysfunction in repetitive mild head injury. *J. B. Ware, D. K. Sandsmark and R. Diaz-Arrastia*
- 1628 TMEM106B, an unexpected point of contact between FTD, ageing and a hypomyelination disorder. *J. J. Doyle, J. A. Parker and A. Bateman*

Review Articles

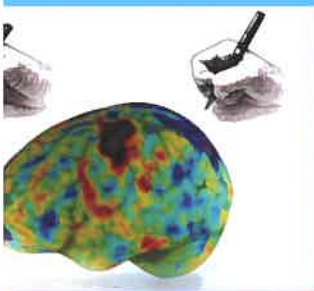
- 1632 Recommendations to distinguish behavioural variant frontotemporal dementia from psychiatric disorders. *S. Ducharme, A. Dols, R. Laforce, et al.*
- 1651 The multifaceted role of kinases in amyotrophic lateral sclerosis: genetic, pathological and therapeutic implications. *W. Guo, T. Vandoorne, J. Steyaert, et al.*

Update

- 1674 Consensus on the reporting and experimental design of clinical and cognitive-behavioural neurofeedback studies (CRED-nf checklist). *T. Ros, S. Enriquez-Geppert, V. Zotev, et al.*

Report

- 1686 Gene replacement therapy provides benefit in an adult mouse model of Leigh syndrome. *R. Reynaud-Dulaurier, G. Benegiamo, E. Marrocco, et al.*



Original Articles

- 1697 Nogo receptor decoy promotes recovery and corticospinal growth in non-human primate spinal cord injury. *X. Wang, T. Zhou, G. D. Maynard, et al.*
- 1714 Tissue-resident memory T cells invade the brain parenchyma in multiple sclerosis white matter lesions. *N. L. Fransen, C.-C. Hsiao, M. van der Poel, et al.*
- 1731 Distinctive binding properties of human monoclonal LGII autoantibodies determine pathogenic mechanisms. *M. Ramberger, A. Berretta, J. M. M. Tan, et al.*
- 1746 Excess Lipin enzyme activity contributes to TOR1A recessive disease and DYT-TOR1A dystonia. *A. Cascalho, J. Foroozandeh, L. Hennebel, et al.*
- 1766 The role of the inferior parietal lobule in writer's cramp. *S. H. I. Merchant, E. Frangos, J. Parker, et al.*
- 1780 Reduced oligodendrocyte exosome secretion in multiple system atrophy involves SNARE dysfunction. *Z. Yu, M. Shi, T. Stewart, et al.*
- 1798 Hippocampal α -synuclein pathology correlates with memory impairment in multiple system atrophy. *Y. Miki, S. C. Foti, D. Hansen, et al.*
- 1811 Arginine is a disease modifier for polyQ disease models that stabilizes polyQ protein conformation. *E. N. Minakawa, H. A. Popiel, M. Tada, et al.*
- 1826 Slow blood-to-brain transport underlies enduring barrier dysfunction in American football players. *R. Veksler, U. Vazana, Y. Serlin, et al.*
- 1843 A venous mechanism of ventriculomegaly shared between traumatic brain injury and normal ageing. *T. Aso, G. Sugihara, T. Murai, et al.*
- 1857 Functional preservation and enhanced capacity for visual restoration in subacute occipital stroke. *E. L. Saionz, D. Tadin, M. D. Melnick, et al.*
- 1873 Brain responsivity provides an individual readout for motor recovery after stroke. *C. Tscherpel, S. Dern, L. Hensel, et al.*
- 1889 Onset of hippocampal network aberration and memory deficits in P301S tau mice are associated with an early gene signature. *M. Przybyla, J. van Eersel, A. van Hummel, et al.*
- 1905 Loss of TMEM106B leads to myelination deficits: implications for frontotemporal dementia treatment strategies. *X. Zhou, A. M. Nicholson, Y. Ren, et al.*
- 1920 Development and validation of an interpretable deep learning framework for Alzheimer's disease classification. *S. Qiu, P. S. Joshi, M. I. Miller, et al.*
- 1934 Increased perception-action binding in Tourette syndrome. *M. Kleimaker, A. Takacs, G. Conte, et al.*
- 1946 Blunted medial prefrontal cortico-limbic reward-related effective connectivity and depression. *S. Rupprechter, L. Romaniuk, P. Series, et al.*

Dorsal Column

Grey Matter

- 1957 Dickens and neurology. *A. J. Larner*

Letters to the Editor

- e45 A lack of consistent brain grey matter alterations in migraine. *L. Sheng, P. Zhao, H. Ma, et al.*
- e46 Reply: A lack of consistent brain grey matter alterations in migraine. *M. J. Burke and M. D. Fox*
- e47 ARSA gene variants and Parkinson's disease. *Y. Fan, C.-y. Mao, Y.-l. Dong, et al.*
- e48 Reply: ARSA gene variants and Parkinson's disease. *S.-J. Lee, J. S. Lee, M. Funayama, et al.*
- e49 A homozygous GDAP2 loss-of-function variant in a patient with adult-onset cerebellar ataxia. *M. Breza, T. Bourinaris, S. Efthymiou, et al.*
- e50 Novel GDAP2 pathogenic variants cause autosomal recessive spinocerebellar ataxia-27 (SCAR27) in a Chinese family. *H.-L. Dong, H.-L. Cheng, G. Bai, et al.*
- e51 Reply: A homozygous GDAP2 loss-of-function variant in a patient with adult-onset cerebellar ataxia; and Novel GDAP2 pathogenic variants cause autosomal recessive spinocerebellar ataxia-27 (SCAR27) in a Chinese family. *I. Eidhof, J. Baets, E.-J. Kamsteeg, et al.*
- e52 Corrigenda